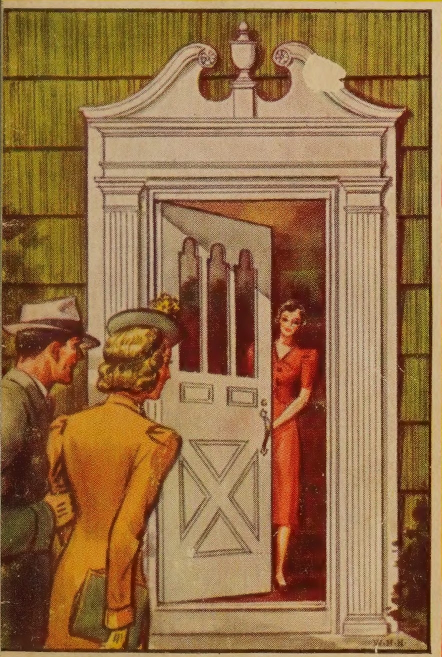
THE PEASE PRICER

No. 311

FALL-WINTER, 1941-42



Colonial Front Entrances — Page 95

TOX-I-SEALED BY PEASE
ROT-PROOFED & MOISTURE-PROOFED & TERMITE-PROOFED
REG.U.S. PAT.OFF.

An Exclusive Chemical Treatment

PEASE WOODWORK COMPANY

INCORPORATED

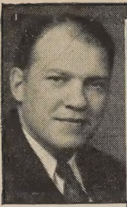
OFFICE and WAREHOUSES
Blue Rock and Turrill Sts., Northside
CINCINNATI

INDEX

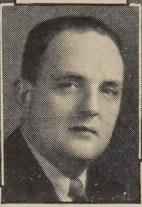
Complete Door, Window and Sash Sets 83-90
Bath Cabinets . 121-124
Blinds 76, 173
Building Papers . . 38
Cabinets 116-120
  Finished 153-167
Columns 42, 43
Disappearing
  Stairways . . 110, 111
Doors . . . 77-82, 91-99
  Cupboard . . 92, 114
Entrances 95
Fencing 12
Frames 45-52, 59
Furniture,
  Steel 168-169
Garage Doors . 100-107
Glass 149-152
Hardware 141-147
Hardwood
  Flooring 31-34
  Trim 69-75
Insulation
  Board 15-18
  Rock Wool 39-41
Jambs 73
Kalamein Doors . . 129
Louvres 61
Lumber 5-11
Mantels 139
  Specialties . . 125-128
Mirrors 91, 150
Mouldings . 44, 68, 75
Nook Sets 115
Overhead Type
  Garage Doors 102-107
Paint, Wall . . 170, 17
Panelling, Wood 13, 1
Plywood 23-27, 3
Porchwork 42, 43
Radiator
  Enclosures 163
Rock Wool 39-41
Roofing 35-37
Sash, Steel 51, 130-138
Sash, Wood . 50, 53-63
Screen-o-Sash 65, 66
Screens 62-68
Shingles 19-22, 37
Siding, Asbestos . 22
  Brick-Effect . . . 18, 36
  Red Cedar 11
Sink Tops . 155, 164, 167
Skylights 138
Stair Work . . . 108-113
Storm Sash . 62-66, 135
Tileboard 28, 29
Trim 69-75
Venetian Blinds 172-173
Weatherstrip . 46, 148
Windows . . 53-56, 136

IMPORTANT

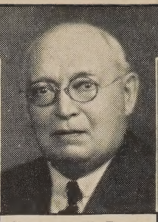
All catalog numbers are in rotation, front to back, therefore easier to find.



John W. Pease
Treasurer



David H. Pease
Secretary



Charles H. Pease
Founder
1866-1936

James L. Pease
President

Harvey P. Pease
Vice-President

In Business—in Cincinnati—since 1893

The Pease Plan

★ **Highest quality building materials in every case**

★ **Maximum economy through selling by mail**

★ **Prompt, personal handling of inquiries and orders**

★ **Lowest prices by selling strictly for cash**

It is an accepted basic principle in business that only by operating on a strictly cash basis and under minimum expense can rock bottom prices be reached and maintained.

Deduct 2% When Check Accompanies Order

Otherwise, all shipments are net on arrival (no discount). If order amounts to less than $25 or involves special work, please remit with order. Check for at least 25% should accompany carload orders. When ordering Complete House Bills, you need only remit for those particular items you wish shipped immediately. The balance can be paid for later as released. As we do business on an extremely close margin, **we cannot accept orders totaling less than $10**, unless in the nature of shortage or replacement shipments.

Truck Delivery Direct to Job

We ship by motor or rail freight, either of which services provide truck delivery right to the job if located within regular delivery limits of almost any town or city. Lumber in carload quantities must move by rail freight. Shipments of less than 50 lbs. are made by Express, unless Parcel Postage is included in your remittance. We will follow your routing instructions as far as possible, but we reserve the right to route shipments to best advantage. If you want to send a truck to our Warehouse for your order, always wait until you have received an acknowledgment, to avoid delay and confusion.

All Prices Are F. O. B. Factory or Mill

We carry at Cincinnati a majority (but not all) of the Building Materials we sell. By making some shipments direct from factory or mill, rehandling and storage expense is eliminated (which means lower prices) and lower thru freight rates are frequently secured. We are always glad to quote delivered prices upon request. All shipments are securely packed and crated, and in general we make no charge for this service.

Prices Subject to Change

All prices quoted herein are subject to change without notice when market conditions make it absolutely necessary, although all special quotations are protected for 15 days. We are always among the last to advance prices—our efforts being very definitely in the opposite direction—to keep prices down and thus help you reduce building costs.

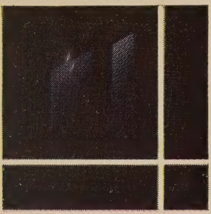
PEASE WOODWORK COMPANY
INCORPORATED
Blue Rock and Turrill Streets, Northside
Phone Kirby 3440
CINCINNATI

Copyright 1941 by PEASE WOODWORK COMPANY, Inc. All Rights Reserved.

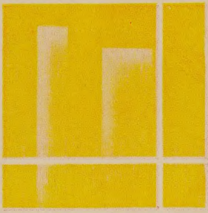
LOWER PRICES FOR CASH BUYERS

Richtone TILEBOARD

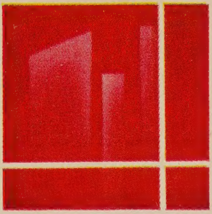
See
Pages
28-29



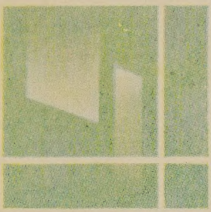
Black with White Lines



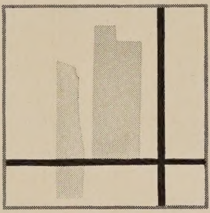
Yellow with White Lines



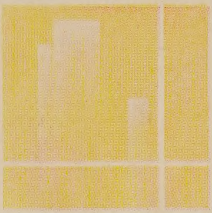
Chinese Red with White Lines



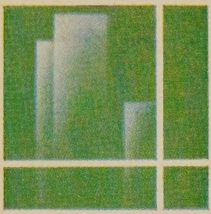
Pale Green with White Lines



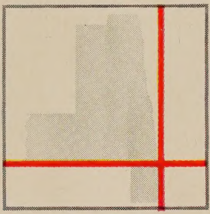
White with Black Lines



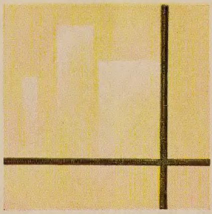
Ivory with White Lines



Jade Green with White Lines

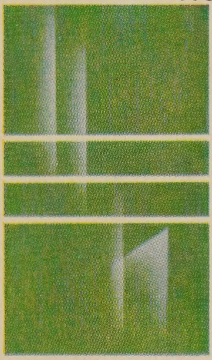


White with Red Lines

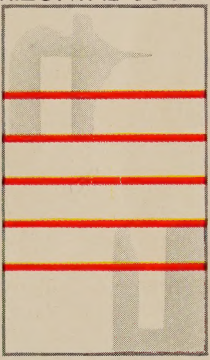


Ivory with Black Lines

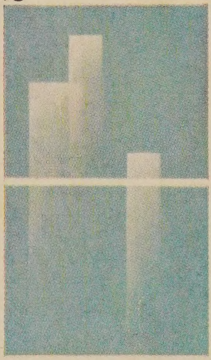
HORIZONTAL SCORING



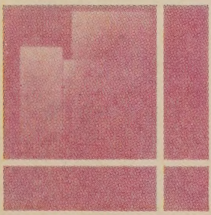
Jade Green with White Lines



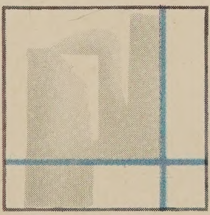
White with Red Lines



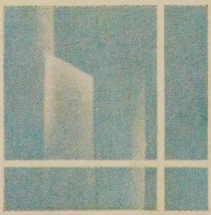
Delft Blue with White Lines



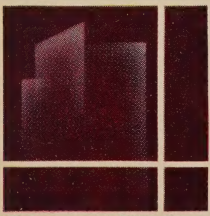
Orchid with White Lines



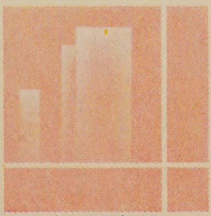
White with Blue Lines



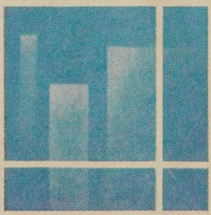
Delft Blue with White Lines



Dubonnet with White Lines



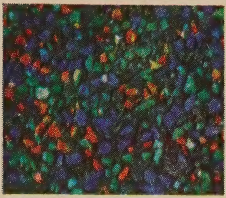
Peach with White Lines

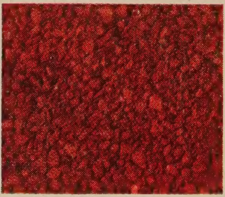


Dutch Blue with White Lines

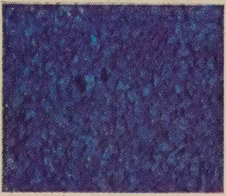
Richtone ASPHALT ROOFING

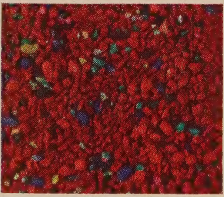
See
Pages
36-37

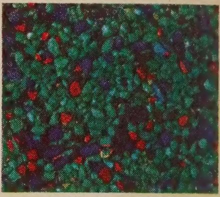

BLUE BLEND


WINE RED

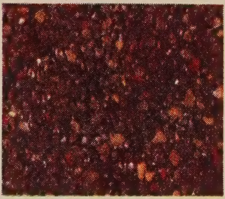
SPRUCE GREEN

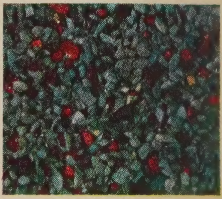

DUTCH BLUE


RED BLEND


GREEN BLEND

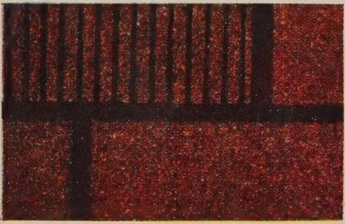
DEAD BLACK

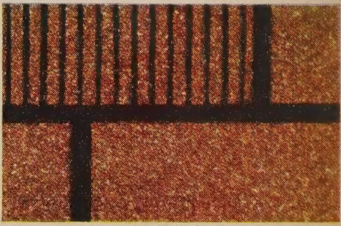

BROWN BLEND


SLATE BLEND

Cell-aire BRICK EFFECT SIDING

See
Page
18

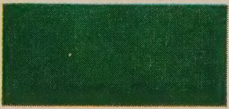

RED with Black Lines


BUFF with Black Lines

Richtone STAINED SHINGLES

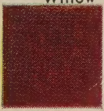
AND SHINGLE STAINS

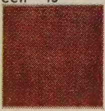
See
Pages
20-21

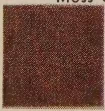

Willow Green—45

Moss Green—46

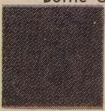
Bottle Green—47

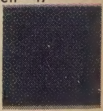

Terra Cotta—30

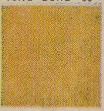

Light Brown—32

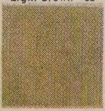

Tobacco Brown—3

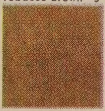
Walnut Brown—33

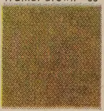

Dark Brown—34

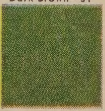

Dull Black—31

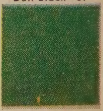

Deep Ivory—24


Fawn—20


Leaf Tan—25


Desert Tan—23


Sea Green—5


Apple Green—10

Prime White—1

French Gray—22

Silver Gray—21

Pearl Gray—26

Slate Gray—15

Dutch Blue—410

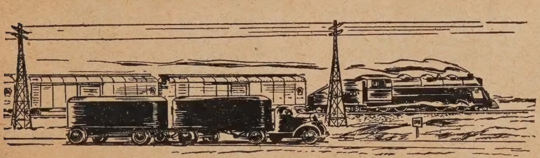
Merchandising

The progress of the Twentieth Century has not been confined to Science and Invention alone. True, the Radio, Aeroplane and Automobile have altered our mode of life yet consider what has happened to Merchandising during the past thirty years. We don't go to the General Store to see what is "New" any more. The Newspapers, Magazines and Movies are constantly carrying actual pictures and descriptions of this to every family in the land and are thus creating wants and desires that simply cannot be held back. The prospective Home Owner, after watching the Parade of New Products, is able to tell his Architect or Contractor exactly what he wants—and is pretty sure to get it.

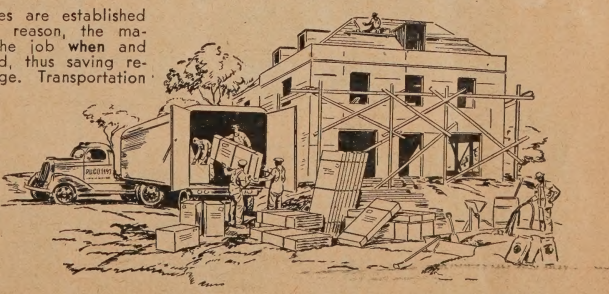
A Modern Home can no more be built from a small stock of Building Materials however, than can Education be limited to reading, 'riting and 'rithmetic. A House today is an extremely complex product and the problem of those who build is to know **where** to secure **what** they want **when** they need it. The Builder has thus become a Merchant dealing in a vast line of products that is constantly increasing. Competition forces him to be a good Merchandiser in every sense of the word, if he is to prosper.

Manifestly only a few large industrial centers can offer the wide range of building products to which the Builder must have access and, as personal investigation would leave little time for anything else, the business must be handled by mail. Far from being a problem or difficulty, however, men with keen judgment have found that **Buying by Mail** offers a much safer and saner method than does that of being rushed into a decision by high pressure salesmen. In the quiet of his own office, a good Merchandiser can study all the descriptive literature of a particular group of products or a set of competitive estimates, and after a careful analysis of the respective merits and a thorough comparison of the prices, he will arrive at a far better decision than had he heard or seen only one side of the story.

The first step in carefully planned buying **is** the Quantity Survey or exact list of what is to be bought. A little hard thinking at this point is the surest way to approach cost reduction. The Merchandiser who asks or lets the seller make up the list, admits he doesn't know exactly what he wants and is apt to pay handsomely for it. With an accurate list in hand, any buyer is in position to seek and **get** competitive prices which will assure him that he is buying at least as low as are any of his competitors. A comparison of his costs, in fact, with the prices his competitors would be **apt** to get will show him how much less he **is** actually paying than they are, and will thus form a most helpful guide in bidding.



On the question of delivery too, good Merchandisers are finding out that **Buying by Mail** is more satisfactory in the end. Of course, it seems easier to buy locally than to have materials "shipped in" and, of course, it should save time—***IF*** all the proper materials were in stock locally ready to be delivered. Usually this is not the case, however, especially as the building material line becomes more and more complex. The various products, or most of them, must, in the final analysis, be purchased by **someone** from "out of town." When it is easy to call at the last minute for what is needed, we form the habit of not anticipating or planning ahead. This is often more costly than paying high prices. The progress schedule on any large construction job is almost as important as the blueprints and is as carefully worked out.



When delivery dates are established in advance, within reason, the materials arrive on the job **when** and **as** they are needed, thus saving rehandling and storage. Transportation itself is no problem these days. The freight schedules of both the Railroads and the Motor Carriers are fast and reliable and competition is bound to keep them that way. Goods carefully carton packed, arriving on the job in their original containers, can be carried right into the building and are almost sure to be in better condition than those rehandled through a series of distributing warehouses and delivered to the job unprotected. All in all, the conclusions are self-evident to a business man who will study the problem carefully. It is not only **Cheaper**—it is **Better** to **Buy by Mail.**

PAGE INDEX

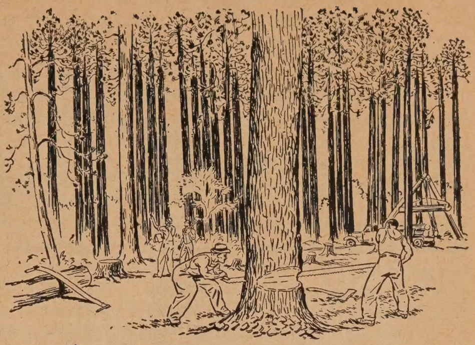
All catalog numbers are in rotation, front to back, therefore easier to find

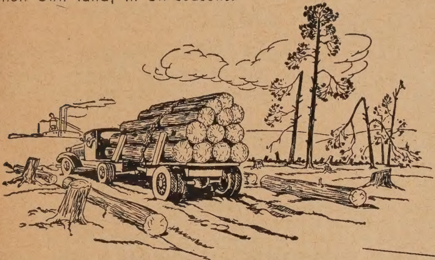
A
Accessories, Bathroom....126
Acoustical Tile........... 17
Angles, Steel............. 51
Arch Forms, Metal.......125
Area Walls............... 50
Asbestos Shingle Siding.. 22
Asphalt Roofing.........35-37
B
Balances, Sash........46, 145
Barn Sash................ 60
Bar, Rumpus Room.......124
Base, Interior..........74, 75
Basement Columns 51
" Sash 50, 51, 89
Bases, Column, Cast Iron. 42
Bathroom Cabinets ...121-124
" Fixtures 126
" Heater 126
Batts, Rock Wool......40, 41
Bevel Siding............. 11
Blanket, Rock Wool...... 41
Blinds, Exterior 76
" Venetian 172, 173
Board, Insulating.......15-18
Boards, Finish.........10, 75
Breakfast Nooks..........115
Brick-Effect Siding.....18, 36
Bridging, Metal...........128
Building Paper........... 38
C
Cabinet Doors........92, 114
Cabinets, Bathroom ..121-124
" Divider 120
" Drawer 168
" Iron. Board 119, 120
" Kitchen 116, 153-167
" Linen 120
" Telephone 120
Casements, Wood ..57-59, 90
" Steel 131-138
"Cell-aire" Insulation ..15-18
Cellar Sash & Frames.50, 51, 89
China Cases, Corner.118, 119
Circular Cabinets 122
" Sash 61
Circulator Fireplaces.....140
Closet Lining, Cedar..... 13
Clothes Closet Fixtures..163
Coal Chutes.............. 51
Columns, Porch 42, 43
" Steel 51
Combination Doors.....66-67
Combination Jambs
and Trim................129
Corner Beads, Metal.....125
Cornice Boards........... 10
Crystal Sheet Glass......151
Cupboard Doors......92, 114
D
Dampers, Fireplace......140
Deadening Felt........... 36
Desks, Metal.............168
Disappearing Stairs..110, 111
Divider Cabinets.........120
Door Frames, Exterior ... 52
" " Interior ... 73
" Sets, Complete 83, 88, 89
" Trim 70-72
Doors, Access 114
" Combination ...66-67
" Cupboard 92, 114
" Flush, Hollow 81, 82, 92
" " Solid ...93, 96
" French 91
" Garage 100-107
" Glass 95-99
" Hardwood ..92-94, 96
" Interior ..77-82, 91-94
" Kalamein 130
" Mirror 91
" Plank 96
" Shower Stall......126
" Store 99
E
Electric Operators........106
Enclosures, Radiator......163
Entrances, Colonial....... 95
Exterior Mouldings........ 44
F
Fans, Ventilating.........157
Fence, Wood............. 12
Finish Boards..........10, 75
Fireplace Fittings.........140
Fireproof Doors..........130
Flooring, Finished 34
" Hardwood ...31-34
" Parquetry ...33, 34
" Plank 33
" Y. P. and Fir..7, 8
Flush Doors, Hollow 81, 82, 92
" " Solid 93, 96
Folding Seat..............124
Frames, Door, Wood ..52, 73
" " Metal 129
" Gable 61
" Sash 59
" "Stremeline" .46, 47
" "Wethertite" .48, 49
French Doors............. 91
Front Doors.............95-99
Furniture, Business 168-169
G
Gable Sash and Frames.. 61
Garage Door Operators.106
" Doors 100-107
" Frames 52
Garbage Receivers.......127
Glass 149-152
Glass Blocks.............152
Goosenecks 113
Guards, Screen Door.....146
Gutter, Fir............... 44
H
Half Circle Sash.......... 61
Hamper, Clothes.........124
Hanging Wall Cases.....118
Hardware, Builders ..141-147
" Garage ..100, 101
Heater, Bathroom.........126
Hollow Flush Doors.81, 82, 92
Hot Bed Sash............ 60
Housing Windows........132
I
Insulating Blanket 38, 41
" Board 15-18
" Lath 17
" Paper 38
" Plank 17
" Sheathing 18
" Tile 17
" Wallboard 16
Insulation, Rock Wool..39-41
Ironing Board Cab'ts.119-120
J
Jambs, Inside Door...... 73
Joist Hangers............128
K
Kalamein Doors..........130
Kitchen Cabinets.116, 153-167
Knotty Pine Panelling..... 13
L
Lally Columns............ 51
Lath, Insulating 17
" Metal 125
" Wood 8
Leaded Glass.........58, 152
Lights, Tubular...........122
Linen Closets.............120
Lintels, Steel............ 51
Louvres, Exterior.......... 61
Lumber 5-11
M
Mail Boxes...............127
Mantels, Colonial........139
Maple Flooring.......... 32
Medicine Cabinets....121-124
Mirrors 91, 150
Mouldings, Exterior ...44, 68
" Interior ...74, 75
N
Newels, Stair 108, 112
" Porch 42
Nook Sets................115
O
Oak Flooring...........31-34
Obscure Glass............151
Odd Sash Rule........... 57
Outside Doors 95-99
" Door Frames.... 52
Overhead Type Garage
Doors 102-107
P
Package Receivers.......127
Paint, Wall..........170, 171
Panelling, Knotty Pine... 13
" Phil. Mahog.... 14
Panels, Veneered....23-27, 30
Pickets, Fence........... 12
Plywood 23-27, 30
Porch Columns 42, 43
" Sash 58
" Screens 68
Porchwork 42
Putty 152
Q
Quarter Circle Sash....... 61
R
Radiator Enclosures......163
Rail, Metal 42, 50, 109
" Porch 42
" Stair 108, 112
Ready Hung Windows..86, 87
Rock Wool.............39-41
Roofing 19-21, 35-37
S
Sash, Barn 60
" Cellar 50, 51, 89
" Circular 61
" Extras, Odd Rule... 57
" Frames 59
" Gable 61
" Hot Bed........... 60
" Octagon 61
" Porch 58
" Steel 51, 131-138
" Storm 62-66, 135
" Weights .48, 49, 56, 144
Seat, Folding............ 124
Screen-o-Sash 65, 66
Screens, Metal 51, 135
" Window 62-66
Screen Mouldings 68
" Wire Cloth....... 68
Shakes, Red Cedar....... 21
Sheathing, Asphalt Coated 18
" Paper 38
Shelf Supports, Metal....147
Shingles, Asbestos 22
" Asphalt 37
" Red Cedar....19-21
Shiplap 7
Shower Stall Doors.......126
Shutters, Outside......... 76
Side Lights............95, 97
Siding, Asbestos 22
" Bevel 11
" Brick-Effect 18, 36
" Drop 7, 8
" Log Cabin....... 10
Sink Fronts......116, 155, 161
Sinks 156, 162, 164, 167
Sink Tops........155, 164, 165
Skylights 138
Slab Doors..81, 82, 92, 93, 96
Slate Surfaced Roofing..35-37
Square Foot Tables...57, 151
Stain, Shingle............. 21
Stairs, Disappearing..110, 111
Stairways, Circular........109
Stairwork 108-113
Stanchions, Iron 51
Steel Sash.........51, 131-138
Store Doors.............. 99
Storm Sash, Metal ...51, 135
" " Wood 62-66
T
Tanks, Septic.............127
Tavern Sets..............115
Telephone Cabinets.......120
Termite Shields.......... 50
Thresholds, Metal 148
Tileboard 28, 29
Tin Clad Doors...........130
Transoms 60
Treads, Stair.........108, 109
Trim, Random Lengths 74, 75
" Sets 70-72
Tubular Wall Brackets....122
V
Veneered Doors .81, 82, 92-94
" Panels ...23-27, 30
Venetian Blinds......172, 173
Ventilating Fans..........157
Ventilators, Foundation...127
" Roof 138
W
Wallboard, Fir 25
" Insulating ... 16
Wall Cabinets.......118, 119
Wall Tile..............28, 29
Waterproof Plywood...... 27
Weatherstrip 46, 148
Whitco Sash Hangers.....145
Window Frames 45-49
" Glass 152
" Sets 83-90
" Screens 62-66
" Trim 70-72
Windows, Steel 131-138
" Wood 53-56
Wired Glass..............151

BUY COMPLETE DOOR, WINDOW AND SASH SETS—SEE PAGES 83-90

Lumbering

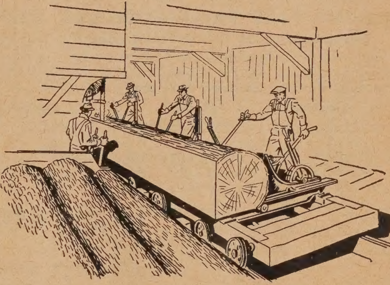
The manufacture of Yellow Pine Lumber is one of the greatest industries of the South where, contrary to popular opinion, there are still extensive stands of both the Long and Short Leaf Pine. Recent experiments have proven that, with proper reforestation, the timber would grow faster than it need be cut. Natural reforestation alone amounts to over 5 billion feet annually. Due to the nature of the country, the logging operations are not on a gigantic scale but are nevertheless efficient and quite interesting. A majority of all Southern Yellow Pine is produced by small operators and a great deal of timber is cut by farmers on their own land, in off seasons.

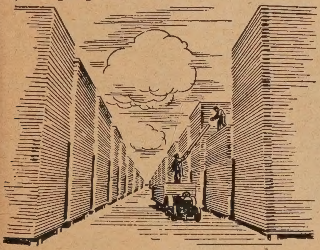




Selected trees are felled and cut into lengths for ordinary structural uses. The branches are trimmed off and the logs are then hoisted onto trailers or log cars and started on their way to the mill which is frequently 50 or 60 miles away. During wet weather, the roads and woods become impassable so that the mill must keep a large supply of logs on hand to insure continuous production.

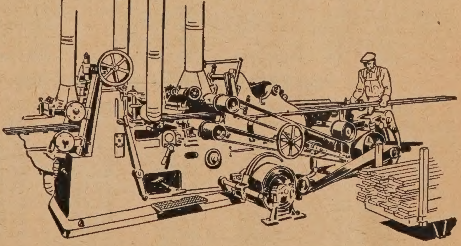
At the mill, the logs are rolled on to the carriage and clamped into position. The carriage is thrust back and forth by steam pressure or compressed air, and each time, the saw takes off a slab or "cant" of such thickness as is determined by the sawyer who keeps a keen eye on the structure of the log as it becomes visible. The log is turned by the "doggers", or men who ride the carriage, until it is "squared-up," when it is either sent along as a heavy timber or sliced into thick planks which are, in turn, reduced to ordinary size by a series of rip or gang saws.

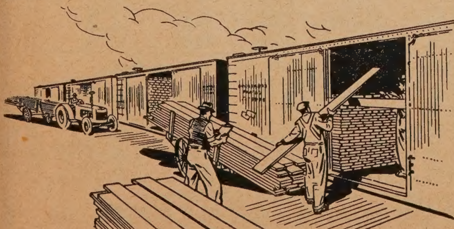




On continuous chains, the lumber next passes before the inspectors to be graded and is then piled on "dollies" to go to the yard. Lumber must be thoroughly and properly dried and is therefore "stuck" or piled in vast drying yards with sticks placed between each course of boards to allow free circulation of the air. The piles are covered for protection against the burning rays of the sun. The drying operation is hastened in dry kilns where the lumber is subjected to dry heat for several days and is constantly tested to prevent its drying either too fast or too slowly.

From the kilns or the storage yards, the various sizes and grades of lumber are brought into the planing mill as the orders require. Here the dimension stock is dressed on four sides and the corners are "eased" to make handling easier, while the boards are tongued and grooved or worked to shiplap, flooring or the various patterns of siding on heavy, fast-feed Matchers. The shavings from these machines provide fuel in turn to operate the saw and planing mills, the dry kilns and the public utility plants of nearby towns.





The finished products are loaded on dollies again and hauled to the loading platform where the material is compactly stowed in box cars for shipment. Each board is again inspected, as it is tallied, and those thrown out are held back for orders calling for lower grade stock. The grades are established by the Southern Pine Association and are rigidly adhered to, thus assuring uniform and dependable building Lumber.

SOUTHERN YELLOW PINE

Straight, Bright, New, Well Manufactured Lumber

SHIPPED DIRECT FROM MILL TO YOUR STATION

ALL PRICES AND WEIGHTS ARE PER THOUSAND FEET—BOARD MEASURE

FRAMING or DIMENSION and SMALL TIMBERS

Surfaced 4 Sides and slightly EASED on all FOUR Corners—Double end trimmed

No. 2 and Better

Lengths (Feet)	2x4	2x6	2x8	2x10	2x12
8, 9, 10, 12, 14 and 16	**$33.50**	**$33.50**	**$33.50**	**$35.00**	**$35.00**
18 and 20	**36.50**	**36.50**	**36.50**	**39.50**	**39.50**
22 and 24	**39.50**	**39.50**	**39.50**	**42.50**	**42.50**
Weights (dressed standard)	2,500 lbs.	2,500 lbs.	2,500 lbs.	2,600 lbs.	2,600 lbs.

No. 1 Common

Lengths (Feet)	2x4	2x6	2x8	2x10	2x12
8, 9, 10, 12, 14 and 16	**$42.50**	**$42.50**	**$42.50**	**$52.50**	**$53.50**
18 and 20	**45.50**	**45.50**	**45.50**	**56.00**	**57.50**
22 and 24	**51.50**	**51.50**	**51.50**	**61.50**	**64.50**
Weights (dressed standard)	2,500 lbs.	2,500 lbs.	2,500 lbs.	2,600 lbs.	2,600 lbs.

TIMBERS

Up to 20 Ft. Long — Surfaced 4 Sides ½" Scant Unless Otherwise Ordered

Sizes	No. 2 & Bet.	No. 1 Com.	½" Scant	⅜" Scant	¼" Scant	Rough
3x4 to 6x8	**$36.50**	**$42.50**	3,800 lbs.	4,000 lbs.	4,200 lbs.	4,500 lbs.
8x8 to 10x10		**42.50**	" "	" "	" "	" "

NOTE—Rough Stock same price as Dressed but use following weights in figuring freight:
2x4, 2x6 and 2x8....3,300 lbs. 2x10 and 12....3,400 lbs. Timbers..4,500 lbs.

☞ ALL PRICES ABOVE ARE F. O. B. SOUTHERN MILL ☜

For Delivered Prices, multiply Weight by Freight Rate

Example: 2x4's dressed standard delivered on a 30c Rate would cost $41.00 per 1,000 ft. B. M. (2,500 lbs. x 30c = $7.50 freight + $33.50 for No. 2 and Better F. O. B. Mill = $41.00)

FREIGHT RATE TABLE—CARLOAD SHIPMENTS—MINIMUM 36,000 LBS.

Showing Rates on Yellow Pine Lumber Per 100 Lbs. from Southern Mill to Points Named

NOTE—To assist customers (who do not have our Delivered Price List) in arriving at approximate delivered prices, we show below Freight Rates from Southern Mill to various governing points. **Our rates average 2c lower than many others, due to our more favorably located shipping point.**

DELAWARE	
Wilmington	**42c**

D. C.	
Washington	**41c**

ILLINOIS	
Centralia	**27c**
East St. Louis	**27c**
Fairfield	**34c**
Lawrenceville	**32c**
Lincoln	**36c**
Marion	**27c**
Moline	**37c**
Mt. Vernon	**27c**
Peoria	**36c**
Quincy	**36c**
Rock Island	**37c**
Shelbyville	**35c**
Springfield	**36c**
Sullivan	**35c**

INDIANA	
Bedford	**37c**
Connersville	**37c**
Evansville	**26c**
Fort Wayne	**38c**
Frankfort	**37c**
Goshen	**38c**
Indianapolis	**37c**
Logansport	**37c**
Madison	**37c**
Muncie	**37c**
Shelbyville	**37c**
Terre Haute	**36c**
Vincennes	**34c**

IOWA	
Cedar Rapids	**41c**
Davenport	**37c**
Des Moines	**38c**
Mason City	**43c**
Waterloo	**44c**

KENTUCKY	
Ashland	**35c**
Campbellsville	**27c**
Covington	**27c**
Hopkinsville	**19c**
Lexington	**27c**
Louisville	**26c**
Maysville	**35c**
Paducah	**19c**
Pikeville	**35c**
Pineville	**32c**
Williamstown	**27c**

MARYLAND	
Baltimore	**41c**
Cumberland	**41c**

MICHIGAN	
Bay City	**40c**
Cadillac	**43c**
Cheboygan	**46c**
Coldwater	**39c**
Detroit	**39c**
Flint	**39c**
Grand Rapids	**39c**
Jackson	**39c**
Muskegon	**39c**

MISSOURI	
Hannibal	**36c**
Jefferson City	**33c**
Kansas City	**36c**
Springfield	**36c**
St. Louis	**27c**

NEW JERSEY	
Atlantic City	**49c**
Newark	**43c**
Trenton	**43c**

NEW YORK	
Albany	**43c**
Binghamton	**43c**
Buffalo	**43c**
Dunkirk	**43c**
Elmira	**43c**
Ithaca	**43c**
New York	**43c**
Olean	**43c**
Poughkeepsie	**43c**
Syracuse	**43c**
Utica	**43c**
Watertown	**43c**

OHIO	
Akron	**40c**
Ashtabula	**41c**
Barberton	**40c**
Bucyrus	**39c**
Canton	**40c**
Celina	**39c**
Chillicothe	**39c**
Cincinnati	**29c**
Cleveland	**40c**
Columbus	**39c**
Dayton	**38c**
Hamilton	**36c**
Lancaster	**40c**
Lima	**39c**
Lorain	**40c**
Mansfield	**39c**
Marion	**39c**
Marietta	**40c**
Massillon	**40c**
Middletown	**37c**
Mt. Vernon	**39c**
Newark	**39c**
Piqua	**38c**
Sandusky	**39c**
Springfield	**38c**
Steubenville	**41c**
Toledo	**39c**
Van Wert	**39c**
Warren	**40c**
Youngstown	**41c**
Zanesville	**40c**

PENN.	
Altoona	**41c**
Bradford	**43c**
Erie	**43c**
Harrisburg	**41c**
Indiana	**41c**
Meadville	**43c**
New Castle	**41c**
Philadelphia	**42c**
Pittsburgh	**41c**
Pottsville	**42c**
Reading	**42c**
Scranton	**42c**
Stroudsburg	**42c**
Towanda	**42c**
Warren	**43c**
Washington	**41c**
Williamsport	**41c**
York	**41c**

WEST VIRGINIA	
Bluefield	**35c**
Charleston	**38c**
Clarksburg	**41c**
Grafton	**41c**
Huntington	**35c**
Parkersburg	**41c**
Wheeling	**41c**

WISCONSIN	
Eau Claire	**45c**
La Crosse	**43c**
Madison	**41c**
Oshkosh	**44c**
Racine	**41c**

DELIVERED PRICES on LEADING LUMBER ITEMS

S4S Standard—Eased Edges. F. O. B. cars any point on following Rates.

Y. P. DIMENSION Double End Trimmed No. 2 and Better		26c Rate	30c Rate	34c Rate	38c Rate	40c Rate	42c Rate	44c Rate
2x4—	**8′ to 16′**	$40.00	$41.00	$42.50	$43.00	$43.50	$44.00	$44.50
	18′ & 20′	43.00	44.00	45.00	46.00	46.50	47.00	47.50
2x6—	**8′ to 16′**	40.00	41.00	42.00	43.00	43.50	44.00	44.50
	18′ & 20′	43.00	44.00	45.00	46.00	46.50	47.00	47.50
2x8—	**8′ to 16′**	40.00	41.00	42.00	43.00	43.50	44.00	44.50
	18′ & 20′	43.00	44.00	45.00	46.00	46.50	47.00	47.50
2x10—	**8′ to 16′**	41.75	42.75	43.75	45.00	45.50	46.00	46.50
	18′ & 20′	46.25	47.25	48.25	49.50	50.00	50.50	51.00
2x12—	**8′ to 16′**	42.00	43.00	44.00	45.00	45.50	46.00	46.50
	18′ & 20′	46.00	47.00	48.00	49.50	50.00	50.50	51.00

Y. P. BOARDS—RANDOM LENGTHS—S4S D&M or SHIPLAP—All Same Price.

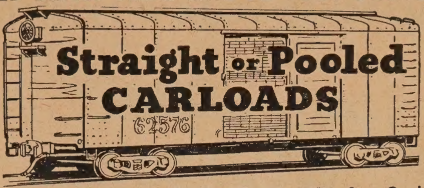
		26c Rate	30c Rate	34c Rate	38c Rate	40c Rate	42c Rate	44c Rate
1x6-8-10	**No. 3**	$35.00	$36.00	$37.00	$38.00	$38.50	$39.00	$39.50
1x4	**No. 2**	37.75	38.75	39.75	40.75	41.00	41.50	42.00
1x6	**No. 2**	44.25	45.25	46.25	47.25	47.50	48.00	48.50
1x8	**No. 2**	44.25	45.25	46.25	47.25	47.50	48.00	48.50
1x10	**No. 2**	44.25	45.25	46.25	47.25	47.50	48.00	48.50
1x12	**No. 2**	48.00	49.00	50.00	51.00	51.50	52.00	52.50

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

SOUTHERN YELLOW PINE

Straight, Bright, New, Well Manufactured Lumber
SHIPPED DIRECT FROM MILL TO YOUR STATION

SOUTHERN PINE
INSP. BUREAU
GRADE MARKED
WHEN
DESIRED



WRITE FOR
PRICE LIST
DELIVERED
YOUR
STATION

All prices on this page are **F. O. B. Southern Mill** for Carload Shipment. Smaller Quantities, however, can be furnished at Carload Prices—under our "Pooled Car" Plan—by paying $6.93 Stop-Over Charge for stopping Car at your Station. Minimum Car 36,000 lbs. or approximately 15,000 ft. B. M. We Can Usually Wire You Car Number on a Straight Car Order Within 24 Hours

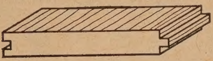
ALL PRICES AND WEIGHTS ARE PER THOUSAND FEET — BOARD MEASURE

COMMON YELLOW PINE BOARDS

Dressed Four Sides (S4S) Weight 2,400 Lbs.

Rough Sizes	Finished Sizes	Prices No. 3	Prices No. 2
1x4"	¾x3½"	$23.50	$31.50
1x5"	4½"	29.00	38.50
1x6"	5½"	29.00	38.50
1x 8"	¾x7¼"	$29.00	38.50
1x10"	9¼"	29.00	38.50
1x12"	11¼"	30.00	41.50

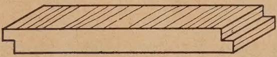
DRESSED AND MATCHED (D & M)



TONGUED AND GROOVED (T & G)

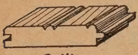
Rough Sizes	Finished Sizes	Wts. (Lbs.)	No. 3 Com.	No. 2 Com.
1x6"	¾x5¼"	2200	$29.00	$38.50
2x6"	1⅝x5¼"	2300		33.50

SHIPLAP



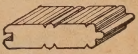
SHIPLAP

Rough Sizes	Finished Sizes	Wts. (Lbs.)	No. 3 Com.	No. 2 Com.
1x 8"	¾x7¼"	2300	$27.50	$38.50
1x10"	¾x9¼"	2300	27.50	39.50



Ceiling

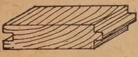
BEADED CEILING AND PARTITION



Partition

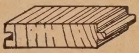
Kind	Finished Sizes	Weights	No. 2	No. 1	B & Better
Ceiling	⅝x3¼"	1400 lbs.	$33.50	$48.50	$54.50
Partition	¾x3¼"	1800 "	38.50	57.50	63.50

PLAIN END FLOORING



Flat (or Slash) Grain

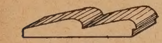
We can also include End Matched Yellow Pine Flooring (page 8) and Oak Flooring (page 32) in any car of Yellow Pine Lumber by adding a total stop-over charge of **$6.93** per car.



Vertical Grain
(or Rift Sawn)

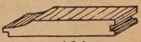
Rough Sizes	Finished Sizes	Grain	Weights	No. 2	No. 1	B & Better
1x3"	¾x2⅝"	Flat	1800 lbs.	$38.50	$57.00	$63.50
1x4"	¾x3¼"	Flat	1900 "	38.50	57.00	63.50
1x3"	¾x2⅝"	Vertical	2200 "		91.50	105.50

DROP SIDING



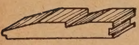
117

Rough Size	Finished Size	No. 2	No. 1	B & Better
1x6"	¾x5¼"	$38.50	$57.50	$63.50

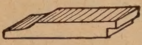


106

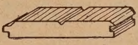
All Patterns Weigh 1700 pounds, except Pattern No. 116—1800 pounds.



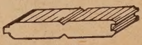
104



105



116



CS

KILN DRIED YELLOW PINE FINISH BOARDS

Surfaced 4 Sides to Sizes Shown. NOTE: FOLLOWING PRICES ARE PER 100 **LINEAL** FEET

Rough Sizes	Finished Sizes	Weights Lbs.	Prices No. 1	Prices B & Bet.
1x2"	¾x1¾"	40	$0.94	$1.03
3"	2¾"	60	1.49	1.64
4"	3½"	80	1.85	2.05
5"	4½"	100	2.90	3.27
6"	5½"	120	2.93	3.23
8"	7¼"	160	3.90	4.30
1x10"	¾x9¼"	200	$5.79	$6.54
12"	11¼"	250	9.05	10.25
1¼x4"	1 1/16x3½"	105	2.77	2.92
6"	5½"	154	4.37	4.72
8"	7¼"	200	5.85	6.35
10"	9¼"	266	8.38	9.48
12"	11¼"	328	12.62	14.02

GROUNDS, FURRING AND BRIDGING

(Rough Ripped or S2S — Specify Exact Size Wanted)
PRICES PER 100 LINEAL FEET

Rough Sizes	Weights	Yellow Pine	Poplar
1x1"	250 lbs.	$0.60	$0.65
1x2"	500 "	.85	.90
1x3"	750 "	1.25	1.30
2x2"	1000 "	1.30	1.35

ALL PRICES ABOVE ARE F. O. B. SOUTHERN MILL

For Certain Delivered Prices See Opposite Page

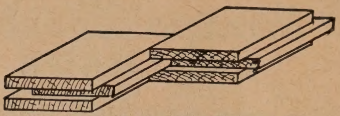
LUMBER — LESS THAN CARLOAD

Prices and Weights are Per 1000 Feet—Board Measure

END MATCHED YELLOW PINE FLOORING

$61

2' to 8'
B & Better



$75

9' to 16'
B & Better

PRICES F. O. B. TENNESSEE MILL

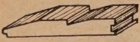
Write for prices Delivered your station

Rough Sizes	Finished Sizes	Add for Face Count	Grain	Lengths	B & Bet.	No. 1 Com.
1x3"	13/16x2⅜"	27%	Flat	Random 2' to 8'	$61	$56
1x4"	13/16x3¼"	24%	Flat	" "	61	56
1x3"	13/16x2⅜"	27%	Flat	Random 9' to 16'	75	68
1x4"	13/16x3¼"	24%	Flat	" "	75	68

Weights: 1x3—1,800 lbs., 1x4—1,900 lbs.

YELLOW PINE DROP SIDING

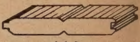
Count 1x6"—Finished Size ¾x5¼"



104

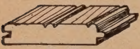
F. O. B. CINCINNATI

Pattern	Grade	Weight	Price
104	No. 1 Com. & Bet.	1800 lbs.	$75
116	No. 1 Common	"	68



116

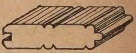
YELLOW PINE CEILING AND PARTITION



Ceiling

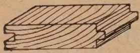
F. O. B. Cincinnati

Kind	Size	Weights (lbs.)	B. & Better
Beaded Ceiling	⅝x3¼"	1400	$63
Beaded Partition	¾x3¼"	1800	74



Partition

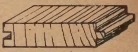
PLAIN END YELLOW PINE FLOORING



Flat Grain

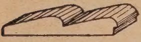
F.O.B. Cincinnati **Random Lengths 8' to 16'**

Size	Grade	Weights	Flat Grain
1x4"	No. 1 Common	1900 lbs.	$68
1x4"	B & Better	"	72

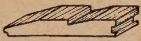


Vertical Grain

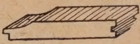
DROP SIDING IN FIR, REDWOOD, AND WHITE PINE



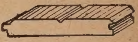
117



104



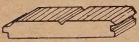
106



116

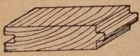
Patterns	Sizes	Weights	Grades	Wood	Prices
117	⅝x6"	1,600 lbs.	B & Better	FIR	$74
104	1x6"	1,700 "	B & Better	"	81
106	1x6"	1,700 "	C & Better	"	81
116	1x6"	1,700 "	B & Better	"	81
104	1x6"	1,700 "	B & Better	REDWOOD	86
116	1x6"	1,700 "	B & Better	"	86
Any	1x6"	1,700 "	No. 2 & Better	WHITE PINE	48
Any	1x8"	1,700 "	No. 2 & Better	"	49

BARN SIDING IN SPRUCE AND WHITE PINE



116

Patterns	Sizes	Weights	Grades	Wood	Prices
116	1x8"	1,800 "	No. 1 & Better	Spruce	$71
116	1x8"	1,800 "	No. 2 & Better	White Pine	49



FIR PORCH FLOORING

B and Better Grade. (Weight, 2,000 lbs.) **PLAIN END**

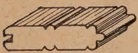
FLAT GRAIN

Sizes	Lengths	Prices
1x3"	6 to 16 feet	$74
1x4"	" "	76
1¼x4"	" "	81

VERTICAL GRAIN

Sizes	Lengths	Prices
1x3"	6 to 16 feet	$86
1x4"	" "	90
1¼x4"	" "	94

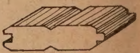
FIR CEILING AND PARTITION



Beaded

			Prices	
Size	Grades	Weights	Beaded	V-Cut
⅝x4"	B & Better	1,400 lbs.	$63	$67
1x4"	C & Better	1,800 "	69	73
1x6"	"	1,800 "	79	83

If less than 1000 ft. B. M. of V-cut, add **$2.00** set up charge.



V-Cut

PLASTER LATH

(⅜x1⅜ in.) **White and Norway Pine**

Per 1,000 Pcs.	Weight	Price
32" (2-8)	333 lbs.	$5.10
48" (4-0)	500 "	9.50

GROUNDS, FURRING, BRIDGING

Per 100 Lineal Feet

1x1"	W. P.	$0.60
1x2"	W. P.	1.05
2x2"	Y. P.	2.00

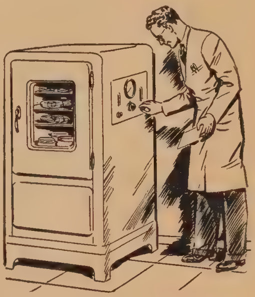
Chemical Treatment

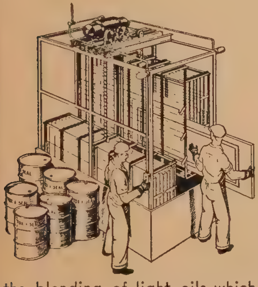
A development of the last few years, the proper Chemical Treatment of wood has become of more importance to the ultimate user than the manner in which the lumber itself is produced. Industrial Chemistry has, in fact, opened up an increasing number of new fields for the use of wood products and, more important, has reclaimed for the Wood Industry many fields in which wood was gradually being replaced by metal or other materials which lack the warmth and beauty of wood but seemed more serviceable.

Until recently, it was taken for granted that wood was bound to rot out and decay in time, and that due allowance must be made for shrinking and swelling. Nothing was done about it except to select certain species of wood which seemed to be the most durable—and to look for substitutes. Chemistry, however, did not accept this point of view and proceeded along the usual line of scientific inquiry to determine the causes of the objectionable features and to seek remedies. Into the laboratory, then, went Wood—where it was subjected to every conceivable test and investigation. In due time, the known facts were assembled and accepted by Science, and with the wealth of information now available to Industrial Chemistry, the selection of remedies was a comparatively simple matter.

In brief, it was found that all wood is made up of cells, microscopic in size, in which the starches and sugars that enable trees to grow, are stored —the cells being separated by walls of cellulose and lignin. It was proven that rot or decay is caused by low forms of plants known as wood-destroying Fungi which live on the cell walls and thus in time break them down, causing crumbling of the wood itself. The four requirements for Fungus growth were found to be suitable food, sufficient moisture, enough air and favorable temperature. Eliminate any one of these and Fungus growth, even if well established, will be stopped.

As it is hard to control moisture or temperature or to exclude air when wood is in use, the simplest method found to stop and prevent decay was to destroy the food. This was done by immersing the wood in a Toxic solution until the entire cell structure became impregnated and thereafter poisonous to the Fungi. Oddly enough, separate research for the prevention of Termites led to the same treatment—that of poisoning the food on which the Termites live. The Toxic solutions used commercially are very dilute so that there is no possibility of danger to other than microscopic plant or animal life either during the treating process or thereafter. The chief properties of a satisfactory Toxic solution are those which cause it to penetrate through the cell walls and remain permanently in the cells regardless of the weather conditions to which the wood may later be exposed.



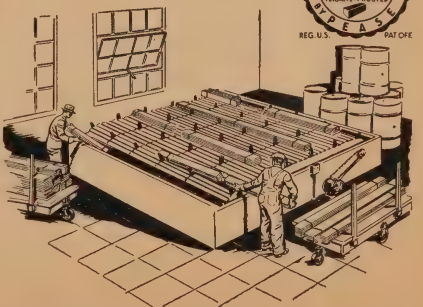


But the prevention of decay was only half the problem and left unsolved the question of how to keep wood in "fixed dimension." It has long been well known that wood shrinks and swells in proportion to its moisture content and that changes in size cause warping, twisting, splitting, checking and raising of the grain. Here again after long and tedious investigation in the laboratory, the definite physical properties of the various species of wood were tabulated and specific remedies found. If the wood cells, it was learned, could be kept from absorbing moisture, the wood would not swell when wet or shrink when dry. This was finally done by coating the cell walls with a microscopic film of oil—which thereafter acted as a water repellent and truly moisture-proofed the wood. The selection of a satisfactory agent meant only the blending of light oils which would penetrate quickly and thoroughly and would remain in the cell structure but not on the surface. In short the process consists of sealing all sides and ends of the wood after it has been machined to its final dimension.

In practice, the Toxic treatment, to prevent and stop decay or rot and to eliminate the possibility of Termite growth, is combined with the Water Repellent treatment or sealing of the wood surface and consists of immersing the finished product in a tank of the proper solution for a definite period of time. Frequent laboratory tests must be made to check the results and the operation must be carried on in a precise and conscientious manner. Doors, Sash, Blinds and Panels are placed in large cages which are then lowered mechanically into a tank of the treating solution. An endless bed conveyor, wide enough to handle the longest Mouldings or Trim, carries these products through the solution for a uniform period of immersion. After drying, the various products are unchanged in appearance and unaffected so far as further finishing with stain, paint, lacquer or enamel is concerned, but are definitely **ROT-PROOFED, TERMITE-PROOFED** and **MOISTURE-PROOFED.**

The TOX-I-SEAL Treatment

TOX-I-SEAL
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
BY PEASE
REG. U.S. PAT. OFF.



CORNICE OR FINISH BOARDS

Smoothly Surfaced 4 Sides

We recommend **Select Ponderosa Pine** for almost every purpose. It is soft and satisfactory to work, takes Paint or Stain perfectly and always stays "**put**". The Select grade has one clear face.

Prices and Weights are per 100 Lineal Feet — Random Lengths 8′ to 16′

Finished Thickness 3/4″	Rough Size	1x2″	1x3″	1x4″	1x6″	1x8″	1x10″	1x12″
	Finished Width	1⅝″	2⅝″	3½″	5½″	7¼″	9¼″	11¼″
Yellow Pine	No. 1 Common			$2.20	$3.45	$4.65	$6.05	$8.75
Yellow Pine	B & Better			2.70	4.20	5.75	8.15	11.60
Ponderosa Pine	No. 1 Common			2.46	3.69	4.83	6.04	7.37
Ponderosa Pine ◀	Select	$1.40	$2.18	➡2.70	➡4.25	➡5.80	➡7.70	➡10.85
Spruce	No. 1 & Better			2.35	3.50	4.65	6.15	
Fir	C & Better			2.80	4.37	5.83	7.81	10.00
Redwood	B Grade			2.60	4.50	6.85	9.40	11.90
Redwood	Clear Heart			3.27	5.13	7.60	10.40	13.20
Red Cypress	C & Better	1.67	2.50	3.33	5.00	6.67	8.85	12.75
Weight (lbs.) per 100 lin. ft.		36	54	72	108	143	179	215

THICKER BOARDS

Finished Thickness 1 1/16″	Rough Size	1¼x2″	1¼x3″	1¼x4″	1¼x6″	1¼x8″	1¼x10″	1¼x12″
	Finished Width	1⅝″	2⅝″	3½″	5½″	7¼″	9¼″	11¼″
Yellow Pine	B & Better				$6.50	$8.70	$12.10	$16.40
Ponderosa Pine	No. 1 Common			$3.44	5 16	6.88	8.60	10.63
Ponderosa Pine ◀	Select	➡$2.00	➡$3.00	➡3.90	➡5.85	➡8.30	➡11.10	➡14.90
Fir	C & Better			3.75	5.80	7.80	10.40	13.30
Redwood	Clear Heart			4.60	7.25	10.60	14.30	18.05
Red Cypress	C & Better	2.60	3.90	5.10	7.70	10.40	14.00	18.75
Weights (lbs.) per 100 lin. ft.		45	63	90	135	180	230	260

Finished Thickness 1 5/16″	Rough Size	1½x4″	1½x6″	1½x8″	1½x10″	1½x12″
	Finished Width	3½″	5½″	7¼″	9¼″	11¼″
Yellow Pine	B & Better		$7.80	$10.40	$14.50	$19.60
Redwood	Clear Heart	$6.00	9.75	13.00	17.80	22.20
Red Cypress	C & Better	6.05	9.10	12.10	15.90	22.40
Weights (lbs.) per 100 lin. ft.		108	162	215	270	325

PLANKS AND SQUARES

Finished Thickness 1 5/8″	Rough Size	2x4″	2x6″	2x8″	2x10″	2x12″	4x4″
	Finished Width	3½″	5½″	7¼″	9¼″	11¼″	3½″
Yellow Pine	B & Better		$11.25	$15.00	$20.85	$28.00	
Ponderosa Pine	No. 1 Common	$4.17	6.13	8.17	10.21	12.25	
Ponderosa Pine ◀	Select	➡6.00	➡9.00	➡12.00	➡15.00	➡18.00	
Fir	C & Better	5.40	8.75	11.66	15.70	19.75	$13.35
Redwood	Clear Heart	7.80	12.70	16.95	23.30	29.40	17.80
Red Cypress	C & Better	8.75	13.10	17.50	22.90	31.75	
Weights (lbs.) per 100 lin. ft.		143	215	287	358	430	286

WIDE BOARDS—Choice Stock—Not Glued-up

		Surfaced 2 sides to 13/16″			Surfaced 2 sides to 1-1/16″		
Rough Size		1x14″	1x16″	1x18″	1¼x14″	1¼x16″	1¼x18″
Ponderosa Pine	Select	$13.45	$16.00	$19.20	$16.90	$19.10	$21.30
Redwood	Clear Heart	18.15	22.00	26.25			
Red Cypress	C & Better	18.23	22.50	27.19			
Weights (lbs.) per 100 lin. ft.		251	287	322	312	360	400

SPECIFIED LENGTHS 10% extra — for **HARDWOOD FINISH BOARDS,** see page 75.

TOX-I-SEALED
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
BY PEASE
REG.U.S. PAT.OFF.

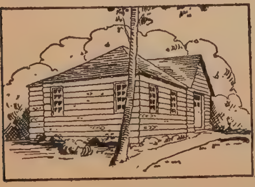
TOX-I-SEALED CORNICE BOARDS

Ponderosa Pine Cornice lumber can now be furnished ***TOX-I-SEALED.*** To do this, we have had to design and construct special equipment (see bottom of page 9) and the slight extra charge for the treatment hardly covers the cost involved. When ***TOX-I-SEALED*** (or Rot-proofed), Ponderosa Pine is the equal of any wood for exterior exposure and can be put up before being primed with no ill effects —in fact, back priming is unnecessary. ***TOX-I-SEALED*** lumber requires less paint and will "stay put" even at mitred corners.

Prices for TOX-I-SEALED CORNICE or FINISH BOARDS

Finished Thickness 3/4″	Rough Size	1x2″	1x3″	1x4″	1x6″	1x8″	1x10″	1x12″
	Finished Width	1⅝″	2⅝″	3½″	5½″	7¼″	9¼″	11¼″
Ponderosa Pine	Select	$1.57	$2.43	$3.05	$4.75	$6.45	$8.50	$11.85

Finished Thickness 1 1/16″	Rough Size	1¼x2″	1¼x3″	1¼x4″	1¼x6″	1¼x8″	1¼x10″	1¼x12″
	Finished Width	1⅝″	2⅝″	3½″	5½″	7¼″	9¼″	11¼″
Ponderosa Pine	Select	$2.23	$3.28	$4.30	$6.50	$9.15	$12.15	$16.15



LOG CABIN SIDING

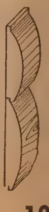
Genuine White Pine — Log Run

To find quantity required, double the area to be covered (account 2″ thick) and add ⅙ for shiplap joint.

Prices per 1,000 ft. B. M. Weight 2,000 lbs.

2 x 6	**$50**
2 x 8	**$52**

Random lengths 8′ to 16′. Specified lengths **10%** extra.

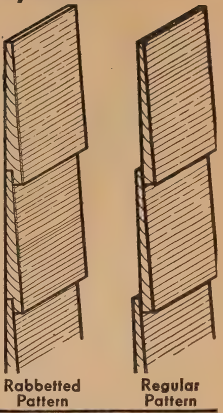


BEVEL OR BUNGALOW SIDING

Beautifully Manufactured — Securely Bundled

Genuine WESTERN RED CEDAR

"CLEAR HEART" GRADE
is
All CLEAR—No defects of any kind.
All VERTICAL GRAIN—Will not raise.
All HEART — No sap wood at all.



Our "B" Grade is intended for Low Cost Housing. It may contain defects which are not permitted in the Clear Heart Grade, including some sap wood and flat grain. There are no knots, however, and even "B" Grade will be found to be

PRACTICALLY CLEAR

Shipments contain random lengths approximately 15% 4′ to 8′, 30% 9′ to 12′ and 55% 13′ to 18′. Specified lengths **cannot** be furnished. Send for a sample.

Beautiful Stock–Beautifully Made

Pease Western Red Cedar Siding can be furnished ***TOX-I-SEALED*** (see page 9). While not necessary from the standpoint of Rot-proofing, it is recommended if the Siding is to be used in localities where **Termites** are found and in any event it eliminates the necessity and expense of back priming. ***TOX-I-SEALED*** Siding can be exposed to the weather before being primed with no ill effects and requires much less paint for the first coat. If the Siding is to be put up with mitred corners, ***TOX-I-SEALING*** tends to prevent the corner joints from opening.

Prices per 1000 feet Board Measure

Sizes	Grade	Pattern	Add for Lap	Weight	Prices
1/2x 6″	"B" Grade	Regular	26%	600 lbs.	$46
1/2x 8″	"	"	18%	600 "	51
5/8x 8″	Clear Heart	"	18%	750 "	72
3/4x 8″	"	Rabbetted	18%	900 "	88
3/4x10″	"	"	14%	900 "	95
3/4x12″	"	"	12%	900 "	99

For ***TOX-I-SEALED*** WESTERN RED CEDAR SIDING Add **$9.00** per 1,000 ft. B. M.

7 OTHER KINDS OF BEVEL SIDING

No. 1 COMMON YELLOW POPLAR

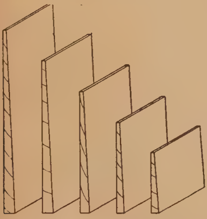
½x5	$32	½x6	$35	½x8	$38
⅝x8	$48	⅝x10	$53		
¾x8	58	¾x10	62		

SELECT YELLOW POPLAR

½x5	$44	½x6	$46	½x8	$51
⅝x8	67	⅝x10	71	⅝x10 (Rabbetted)	74
¾x8	76	¾x10	82	¾x10 (Rabbetted)	85

B GRADE REDWOOD

½x6	$54	½x8	$66



A GRADE REDWOOD

½x6	$55	⅝x8	$73	⅝x10	$85
½x8	69	¾x8	87	¾x10	92

CLEAR HEART REDWOOD

½x6	$57	⅝x8	$76	⅝x10	$93
½x8	70	¾x8	87	¾x10	94

C & BETTER RED CYPRESS

½x6	$52	⅝x8	$61	⅝x10	$68
¾x8	$78	¾x10	$81		

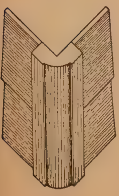
B PONDEROSA PINE

½x4	$50	½x6	$53	½x8	$65
¾x8	$90	¾x10	$94		

Weights per 1,000 feet—½″ thick, 800 lbs.—⅝″ thick, 1,000 lbs.—¾″ thick, 1,200 lbs.
½″ Siding is resawn from 1″ Rough Lbr., ⅝″ Siding from 1¼″ Lbr., and ¾″ Siding from 1½″ Lbr.

CORNER POSTS for BEVEL SIDING

Clear Western Red Cedar



3-A

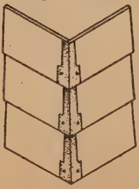
Random lengths 8′ to 18′. Make an attractive finished appearance. No mitering, coping or scribing at corners. Just butt the siding against the sides of the Corner Posts.

No. **3-A**—
2½″x2½″
Per lineal foot.. **8c**

Specified lengths **1c** per foot extra.

METAL CORNERS for BEVEL SIDING

In Packages of **250** of one size. Galvanized. Add **30c** if less than full package is ordered. Weights and Prices are per **100** pieces.



3-B to 3-F

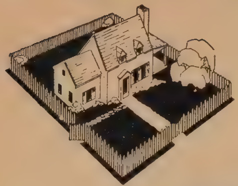
Outside Corners Only

No.	Size	Weight	Price
3-B	½x5½″	10 lbs.	$2.10
3-C	½x7½″	15 "	2.40
3-D	½x9½″	18 "	3.00
3-E	¾x7½″	16 "	2.50
3-F	¾x9½″	20 "	3.10

Use ½″ Corners for ¾″ Siding if Rabbetted.

Add Parcel Postage, unless Express shipment is satisfactory.

WOOD FENCING



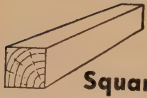
For Well Kept Homes and Gardens

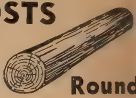
Nothing adds so much to the charm of a piece of property—whether a modest cottage or large estate—as a tastefully designed fence.

The legal considerations and the added security and protection that a fence gives are additional reasons why

EVERY HOME SHOULD BE FENCED.

TENNESSEE RED CEDAR POSTS





The Best for the Purpose

Prices F. O. B. Tennessee Mill

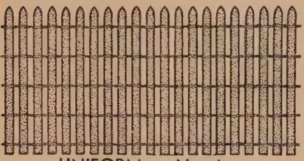
Square Write for Delivered Prices—Minimum Order 50 Posts **Round**

Rough Size	Wt.	Per Post Rough	Per Post Dressed
3x4"-6'	24 lbs.	$0.32	$0.37
7'	28 "	.38	.43
8'	32 "	.43	.49
4x4"-6'	32 "	.44	.51
7'	40 "	.51	.59
8'	44 "	.60	.67
4x6"-6'	48 "	.77	.85
7'	56 "	.89	.98
8'	64 "	.99	1.12

Rough Size	Weight	Per Post With Bark	Per Post Peeled
3x3"-6'	12½ lbs.	$0.10	$0.13
7'	17½ "	.13	.17
8'	20 "	.15	.18
4x4"-6'	30 "	.22	.27
7'	32½ "	.23	.28
8'	35 "	.27	.29
5x5"-6'	50 "	.36	.40
7'	60 "	.43	.49
8'	70 "	.50	.57

2x4" Rails per lin. ft. Rough, 5c—Dressed, 5½c. 3x4" Rails per lin. ft. Rough, 6c—Dressed, 6½c
For other woods see bottom of page 10. Tennessee Red Cedar cannot be furnished over 12' long
Round Posts can be faced or split in half for 2c per post extra.

WOVEN PICKET FENCES

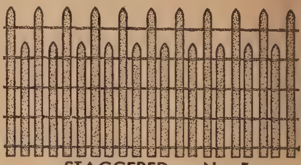


UNIFORM — No. 4

Less than

6c

Per Foot



STAGGERED — No. 5

Pickets are No. 1 Yellow Pine measuring ½x1½" and are spaced 2" apart. They are woven between twisted cables of 12½ gauge Zinc-coated Copper Bearing Steel Wire which holds the pickets firmly in place, always retaining the picket tops in perfect alignment. Fence 3' high has 4 cables and that 4' high has 5 cables. Red pickets are rough while Green and White Pickets are dressed. Red or green fence has two coats of high grade shingle stain. White fence has two coats of weather resisting oil paint, each roll paper wrapped.

PRICES PER 50 FOOT ROLL — NO ROLLS BROKEN

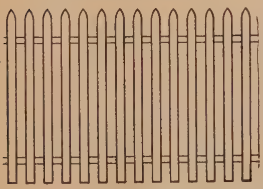
No.	Height	Type	Weights	Red	Green	White
4-A	3'	Uniform	120 lbs.	$**2.85**	$**3.90**	$**4.95**
5-A	3'	Staggered	120 "			
4-B	4'	Uniform	160 "	**3.45**	**4.55**	**5.65**
5-B	4'	Staggered	160 "			

Posts and rails are not included in these prices — see top of page.

NEW ENGLAND PICKET FENCES

Pickets are ¾x2½" with clean cut scrolled tops and are of Clear All Heart Western Red Cedar. Posts are 3½x3½" square 6' long for 3' Pickets and 7' long for 4' Pickets. They should be set 10' apart. Rails are 1⅝x3⅝" square in 10' lengths. Posts and rails are Tennessee Red Cedar dressed on four sides ready for a regular paint finish. New England Picket Fence is **not assembled.** Pickets should be spaced 2½" apart and can be put up to secure either a **uniform** or **staggered** appearance—see above. Individual effects can be secured by various combinations of the two heights of pickets which can be mixed. Minimum Order 50 feet.

GOTHIC—No. 6



COMPLETE FENCE—Per Lineal or Running Foot

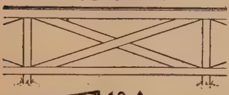
No.	Height	Wt.	Price
No. 6-A	3' high	Wt. 11 lbs.	29c
No. 6-B	4' high	Wt. 13 lbs.	35c

RED CEDAR PICKETS (ONLY) Per 100 Pieces

No.	Size	Height	Wt.	Price
No. 6-C	¾x2½	3'	Wt. 120 lbs	$4.90
No. 6-D	¾x2½	4'	Wt. 160 lbs	6.50

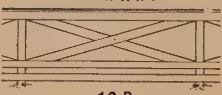
SOUTHERN COLONIAL FENCES

BLUE GRASS



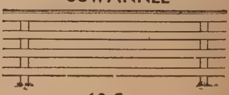
10-A

DIXIANA

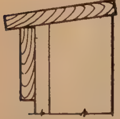


10-B

SUWANNEE



10-C



Section at Top

Top is 1x6", rail members consist of 1x4" strips and the posts are 4x4" squares 7' long so that the fence can be built any height from 3' to 4'. All material is **rough,** not dressed, and can be left to weather for a Rustic effect or Whitewashed. Furnished in Genuine Tennessee Red Cedar only. Normal spacing of posts is 10' and a **minimum order** for this style of fence is 100 lineal feet.

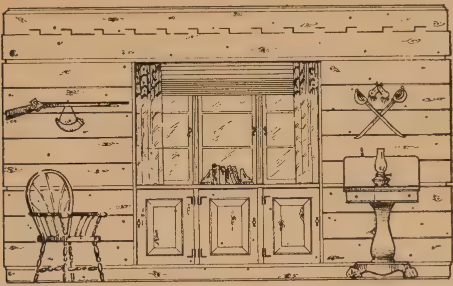
PRICES AND WEIGHTS PER LINEAL FOOT OF FENCE

No.	Style	Weight	Tennessee Red Cedar
10-A	Blue Grass	12 lbs.	21c
10-B	Dixiana	13 lbs.	23c
10-C	Suwannee	11 lbs.	20c

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

KNOTTY PINE PANELLING

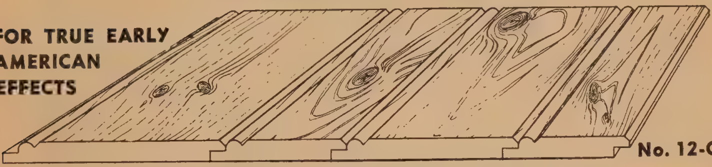
Carefully Selected – Kiln Dried – Smoothly Machined



Lends Early American Character to Living Rooms and Libraries

Ponderosa Pine

FOR TRUE EARLY AMERICAN EFFECTS

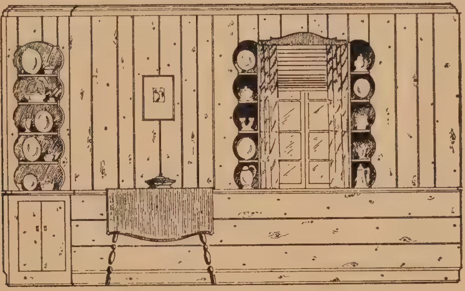


Selected for an even and liberal sprinkling of Sound (tight) Knots, Burls and other defects which enhance its beauty but do not impair the surface. Shiplapped joints. Comes **6″**, **8″**, **10″** and **12″** wide, all ¾″ thick. The lengths run from **8′** to **16′**. **Price per Foot Board Measure** **7c**

For specified widths or lengths, add **10%**. For Face Count, add **15%** to actual area to be covered
Weight approximately 1½ lbs. per foot board measure.

12″ Knotty Pine Boards ¾″ thick surfaced 4 sides to use in connection with above for Trim, Shelving, Cabinetwork, etc., per lineal foot..... **7½c**

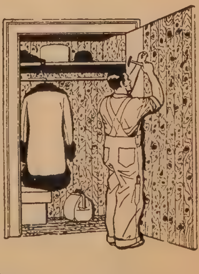
Knotty Pine can be furnished ***TOX-I-SEALED*** for 1c per foot extra



RED CEDAR CLOSET LINING

Genuine Tennessee "Aromatic"

Perfect Protection Against Moths



Made exactly like Oak Flooring—tongued and grooved and end-matched. Put up in bundles 8′ long—each containing **50** feet board measure. Each bundle wrapped in heavy Kraft paper and sealed to retain the aroma of the cedar and to keep the stock clean. Weight 50 lbs. per bundle—No bundles broken.

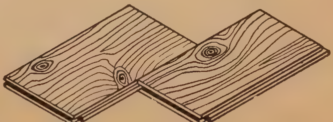
6⅓c per Ft.

Sizes	50 ft. Bdle. will cover
⅜x2½″	.42 sq. ft.
⅜x3″	.43 " "
⅜x3¼″	.40 " "
⅜x4″	.42 " "

$3.33 Bundle

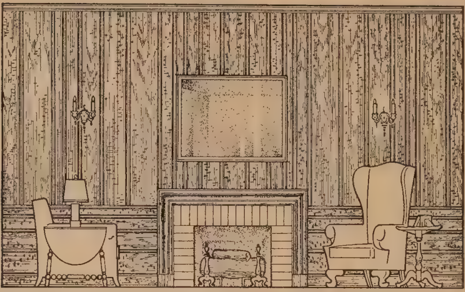
Cedar Quarter Round
¾x¾″ per 100 lineal feet..............**$2.00**

Cedar Flooring and Shelving Material
1x5″ tongued and grooved finishing ¾x4⅝″, random lengths, put up in bundles 8′ long containing 20′ B. M. Cannot furnish specified widths or lengths.
Price per bundle........................**$3.25**



MAHOGANY WALL PANELLING

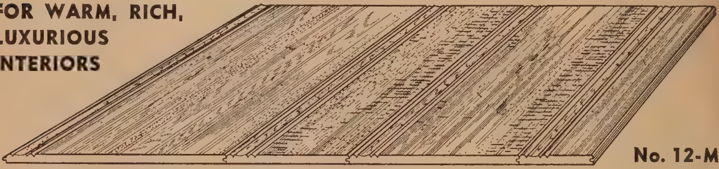
At an Unbelievably Low Price



**Can be applied as wainscot
or over the entire wall area**

Genuine Philippine Mahogany

**FOR WARM, RICH,
LUXURIOUS
INTERIORS**



No. 12-M

This is a product which simply must be seen to be fully appreciated. The variations in tone and color give a deep warmth to the natural wood and create a feeling of restfulness. Each piece is so unlike the others that it is hard to believe all came from the same species of lumber. Philippine Mahogany Panelling is enriched with Burls, Beetle Marks, Twisted, Tight and Open Grain and countless other variations in texture and appearance. The deep Mahogany color gives a lasting effect of richness and luxury. Write for an actual sample.

LOOKS LIKE A MILLION — COSTS VERY LITTLE

Philippine Mahogany Panelling is ⅜″ thick, comes **4″** to **12″** wide and **7′** to **16′** long. It is all ***TOX-I-SEALED*** and Paper Wrapped to insure its getting to the job in perfect condition. Each bundle contains **8** pieces all the same length as follows:

9c Per Foot Board Measure

2 pieces	3½″ wide	(3″ face)	Count	**1x 4**
2 pieces	5½″ "	(5″ ")	"	**1x 6**
2 pieces	7½″ "	(7″ ")	"	**1x 8**
1 piece	9½″ "	(9″ ")	"	**1x10**
1 piece	11½″ "	(11″ ")	"	**1x12**

Prices Per Bundle. No Bundles Broken

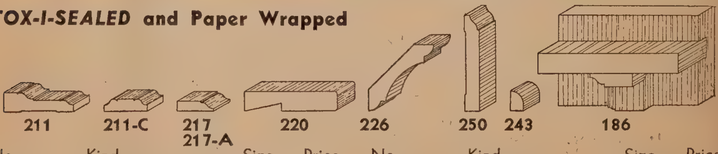
9c Per Foot Board Measure

Lgth.	Wt. per Bdle.	Ft. B.M. per Bdle.	Prices	Lgth.	Wt. per Bdle.	Ft. B.M. per Bdle.	Prices
7′	35 lbs.	34	**$3.06**	**12′**	60 lbs.	58	**$5.22**
8′	40 "	39	**3.51**	**13′**	65 "	63	**5.67**
9′	45 "	44	**3.96**	**14′**	70 "	68	**6.12**
10′	50 "	48	**4.32**	**15′**	75 "	73	**6.57**
11′	55 "	53	**4.77**	**16′**	80 "	77	**6.93**

To figure the Board Measure quantity required, add **20%** to actual area to be covered.

PHILIPPINE MAHOGANY TRIM AND MOULDINGS

***TOX-I-SEALED* and Paper Wrapped**

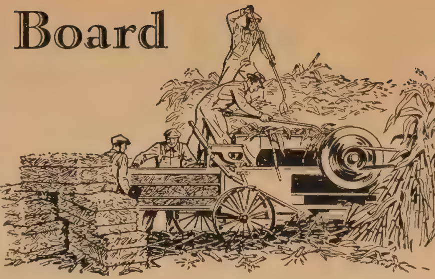


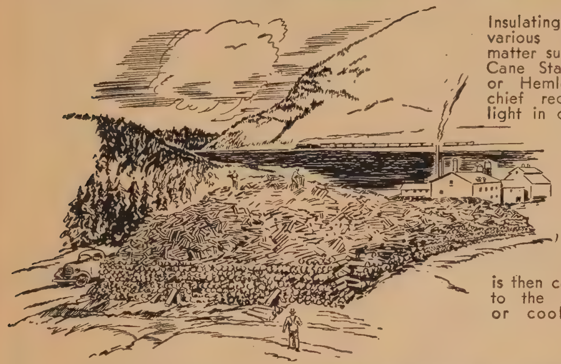
No.	Kind	Size	Price	No.	Kind	Size	Price
211	**Moulded Casing**	¾x2⅝″	**6c**	**220**	**Round Edge Stool**	¾x3½″	**7c**
211-C	**Mullion Casing** or **Wainscot Cap**	½x1⅝″	**4c**	**226**	**Ceiling Cove**	¾x3½″	**7c**
217	**O. G. Stops**	⅜x1⅜″	**2c**	**243**	**Base Shoe**	½x¾″	**2c**
217-A	" "	½x1⅝″	**4c**	**250**	**O. G. Base**	⅝x3⅝″	**8c**
				186	**Jambs 3-0x7-0**	¾x5⅜″	**$3.50**

Casing No. **211** can be used for Chair Rail or Apron. For Philippine Mahogany Doors, see page 81.

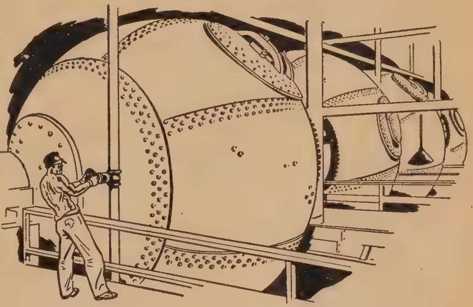
Insulating Board

A product of the Chemical Laboratory and unknown a few years ago, Insulating Board is now in general use because it provides large semi-rigid panels of high insulating value, that are light in weight, easily cut and attractive in texture and color. Its manufacture well illustrates the way in which previously unused or waste products can be given commercial value through chemistry.

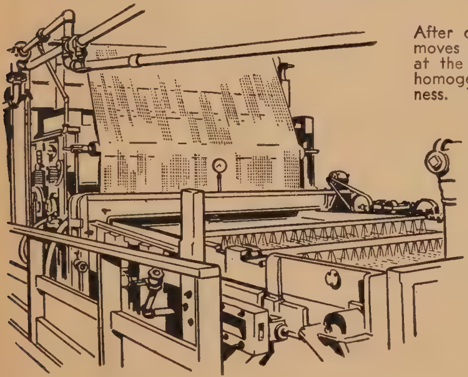




Insulating Board is made from various kinds of vegetable matter such as Corn or Sugar Cane Stalks and Fir, Spruce or Hemlock Pulpwood. The chief requisite is something light in color which will provide long tough fibres when shredded, and the first operation at the mill is to put whatever material is used through a shredder. Here it is reduced to a fibrous mass which is then carried by air pressure to the huge spherical tanks or cookers shown below.

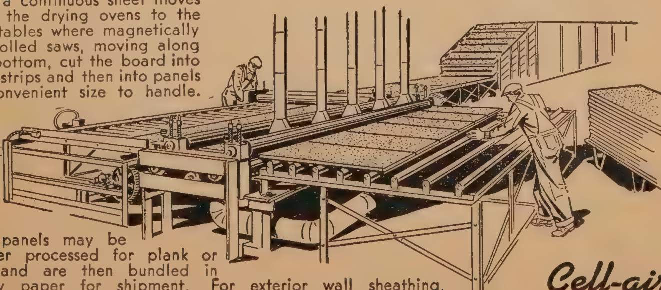


In the cookers, which revolve constantly, the vegetable fibres are still further disintegrated under high steam pressure into a pulp, to which water is added, and which is then actually "cooked" for a specific period until the original vegetable fibres are broken down into very minute particles. From this point, the cooked pulp is carried to the "rod mill" and then on to a series of "stock chests" where various refining processes occur and where chemicals are added to water-proof, vermin-proof and termite-proof the board.



After considerable processing the pulp moves to the forming machine, shown at the left, where it is formed into a homogeneous mat of the desired thickness. This is sprayed as it is carried along on an endless bed carrier into long oven-like dryers shown in the distance in the view below. With constantly increasing temperatures, the water is driven out of the structure of the board until it becomes light in weight and semi-rigid in character. During the drying process the board is rolled or ironed to an even thickness and is given a uniform texture. By adjusting the rollers, the board can be made any thickness from ⅜″ to 2″ depending upon the way it is ultimately to be used or installed in the building.

Thus a continuous sheet moves from the drying ovens to the saw tables where magnetically controlled saws, moving along the bottom, cut the board into long strips and then into panels of convenient size to handle.



The panels may be further processed for plank or tile and are then bundled in heavy paper for shipment. For exterior wall sheathing, the board is immersed in a tank of hot asphalt, which seals it against moisture penetration.

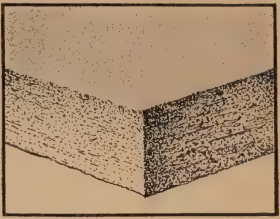
Cell-aire

Cell-aire INSULATING BOARD

A Vegetable Fibre Product — in Rigid Panels

PAINTED IVORY ON ONE SIDE

3c
Per Square Foot
3/8 Inch Thick



3⅔c
Per Square Foot
1/2 Inch Thick

Cell-aire Insulating Board is made from long tough vegetable fibres which are first water-proofed and then fabricated into a rugged board—light in weight but having unusual structural strength and great insulating efficiency. The felting or weaving together of the long fibres builds into our board uncountable numbers of microscopic "dead-air" cells which successfully block the passage of heat, cold or sound.

Cell-aire Insulating Board is heavily coated with IVORY Casein Paint on one side to make a smooth textured surface that will not rub off and which may well be left exposed. The back side is the natural gray fibre color of the Board. Either side may be painted and repainted with ordinary cold water paint.

Cell-aire INSULATING WALLBOARD

Can be painted or papered.
Can be used just as it comes.
Can be plastered over later on.
Can be taken down and moved.

Use it for permanent walls.
Use it to sound-proof partitions.
Use it over old plaster.
Use it to reclaim unfinished attics.

MEDIUM—No. 14 3/8″ Thick 3c per Square Foot

By far the best value today on a low priced wallboard.

As rigid as ordinary fibre wallboard and has much more insulating value.

One Size Only — 4′ x 8′

8 panels per bundle.
256 sq. ft., wt. 180 lbs.
No bundles broken.....

$7.68 Per Bundle

HEAVY—No. 15 1/2″ Thick 3⅔c per Square Foot

Five times the insulating value of Plaster Board or Rock Lath.

Conforms to U. S. Federal Specifications for Class A Insulating Board.

Thermal Conductivity Rating 0.325 B. T. U. per inch of thickness.

Tensile Strength approximately 200 pounds per square inch.

Weight 775 lbs. per 1,000 sq. ft.

No. 15 — Prices per Bundle of 6 Panels — No Bundles Broken

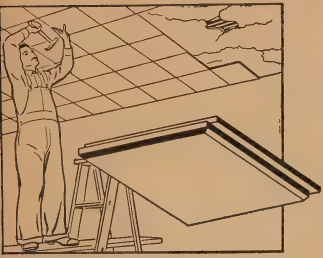
Bundled in heavy paper—Sealed to keep clean—Edges protected for shipping

Size	Sq. Ft.	Wgt.	Price	Size	Sq Ft.	Wgt.	Price
4′x6′	144	112 lbs.	$5.28	4′x 9′	216	167 lbs.	$7.92
4′x7′	168	130 "	6.16	4′x10′	240	186 "	8.80
4′x8′	192	149 "	7.04	4′x12′	288	223 "	10.56

Cell-aire ACOUSTICAL TILE

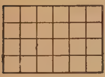
Painted Ivory on One Side

1/2" Thick—Shiplapped and Bevelled on all 4 Sides

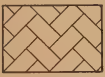


Easily applied with Mastic or nailed right over old ceilings to absorb both room noise and roof heat. Can be used on the walls as well. Just the thing for Basement Play Rooms. Cell-aire Acoustical Tile is made from Cell-aire Insulating Board (see opposite page) and is coated on the face side with Ivory Casein Paint which serves as a Prime Coat. Entire area should have a second coat of the color desired after the Tile has been applied, to cover up finger marks, nail holes, etc.

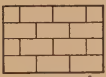
ALL SIZES 5¢ SQUARE FOOT



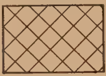
Square



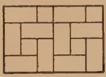
Herringbone



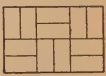
Rectangular



Diamond



Basket Weave



Twin Block

By alternating rectangular with square Tile an almost endless variety of decorative treatments can be secured and the finished appearance is always in good taste. Interesting Border arrangements can be worked out and decorative stencils can be used as desired.

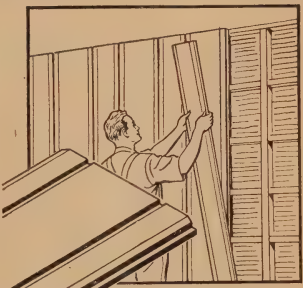
Prices per Carton. Packed **25** pieces of a size to the carton **(no cartons broken).**
Send for Samples

No.	Size	Per Carton Weight	Per Carton Sq. Ft.	Per Carton Price
16-A	12x12"	20 lbs.	25	$1.25
16-C	16x16"	34 "	44	2.20
16-D	16x32"	68 "	89	4.45

Made oversize so that a 12x12" Tile will actually cover 1 square foot.

Cell-aire INSULATING PLANK

1/2" Thick—Shiplapped on both edges



Comes 8 and 12 inches wide by 7, 8 and 9 feet long. Used much the same as Insulating or Acoustical Tile—but preferred for walls. Can be applied vertically or horizontally either over old plaster or directly to studs. Face sides have two V cuts which show up natural color of the Board to contrast with the Ivory painted surface. Rotation of both widths gives a random effect that is very attractive.

ALL SIZES 5¢ SQUARE FOOT

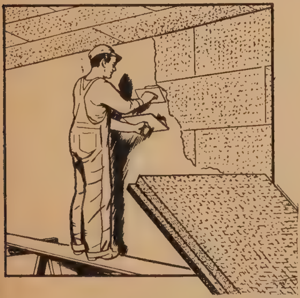
Prices per Carton. Packed **10** pieces of a size to the carton **(no cartons broken).** Send for Samples.

		7' long			8' long			9' long		
No.	Width	Weight	Sq. Ft.	Price	Weight	Sq. Ft.	Price	Weight	Sq. Ft.	Price
17-B	8"	36 lbs.	47	$2.35	41 lbs.	53	$2.65	47 lbs.	60	$3.00
17-D	12"	55 "	70	3.50	63 "	80	4.00	70 "	90	4.50

Made oversize so that a 12"x7' Plank will actually cover 7 square feet.

Cell-aire INSULATING LATH

The Cheapest Way to Insulate New Walls and Ceilings



Now in general use instead of wood or gypsum lath. Forms an inseparable bond with the plaster and at the same time both INSULATES against cold or heat and SOUND-PROOFS partition walls and ceilings. Minimizes plaster cracks and eliminates wood lath marks entirely. Comes in natural gray color and is often applied and left exposed to be plastered over at some future date. Panels are convenient to handle—18"x48"—and are bundled in heavy paper for protection in shipping.

No. 18—3/8" THICK—Square Edges for Butt Joints

3¢ per sq.ft. 20 panels (120 sq. ft.) per bundle. Weight 84 lbs. PRICE PER BUNDLE. (No bundles broken)..... **$3.60**

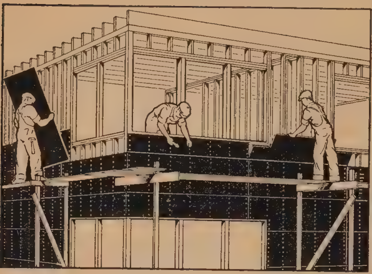
No. 19—1/2" THICK—Shiplapped Edges—Square Ends

3 2/3¢ per sq.ft. 16 panels (96 sq. ft.) per bundle. Weight 74 lbs. PRICE PER BUNDLE. (No bundles broken)...... **$3.52**

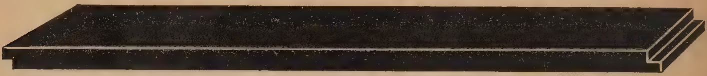
Cell-aire COATED SHEATHING

Asphalt Coated on All Sides and All Edges

FOR WARM DRY EXTERIOR WALLS



A new development which may displace wood sheathing entirely for exterior walls. The **Asphalt Coating** solves the vexing problem of **Moisture Penetration** and **Condensation**, yet there is no loss of **Insulating Value** as the air cells within the board are not filled—just the surface is coated. There are no open joints or knot holes and a snug tight fit can be secured around Door and Window Frames. Our **COATED SHEATHING** is a **vegetable fibre product** as described at the top of page 16 but being thicker than ordinary ½" Insulating Board, has **50%** more insulating value. The panels are only **2'x8'** so that they can be handled conveniently on a ladder or scaffold by one man. They are shiplapped on the long edges to insure a tight fit.



The large panels handle quickly and cut carpenters' time at least in half. There is less sawing to do, fewer nails to drive and less than **1/3** the number of pieces to handle. Our Insulating Sheathing has **four times** the bracing strength of ordinary 1x8" shiplap applied horizontally and is unaffected by rain or snow.

5c Sq. Ft.

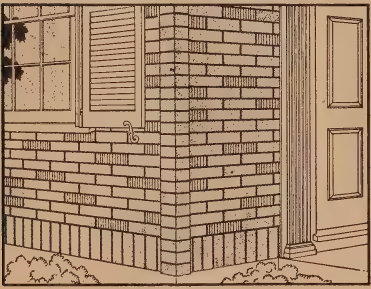
No. 20 – 2'x8' Only – 25/32" Thick
6 Panels (96 Sq. Ft.) per bundle, wt. 115 lbs.
PRICE PER BUNDLE (no bundles broken) . .

$4.80 Bundle

Cell-aire BRICK-EFFECT SIDING

Insulating Board that Looks Like Brick

FOR LOW COST SIDING — NEVER NEEDS PAINTING

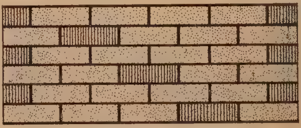


RED or BUFF

BRICK-EFFECT Siding has a base of **1/2" Insulating Board** shiplapped on all four edges and coated with **hot Asphalt.** Another coating of especially blended Asphalt is then spread over the exterior surface and into this is firmly embedded **crushed Brick Granules.**

BRICK-EFFECT Siding looks like Brick because the surface ***IS*** Brick while the Asphalt base gives a contrasting Black mortar line appearance. **BRICK-EFFECT** Siding comes in small panels which are easily handled and can be nailed right over old siding or new sheathing. It can be cut with a hand saw.

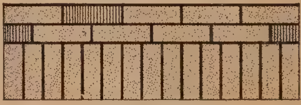
See actual colors on page **2 and note** the **wire-cut Brick** appearance. Both colors have **black** mortar lines. **SOLDIER BASE COURSES** and **CORNER STRIPS** complete the appearance of a Brick wall and make first-class installation a simple job. Mastic should be used to caulk around Window and Door Frames to prevent any possibility of leakage.



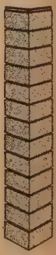
Siding Panel 25-A

$9.90 Square

Put up in cartons.
Protected for shipping.
No cartons broken.



Soldier Course 25-B



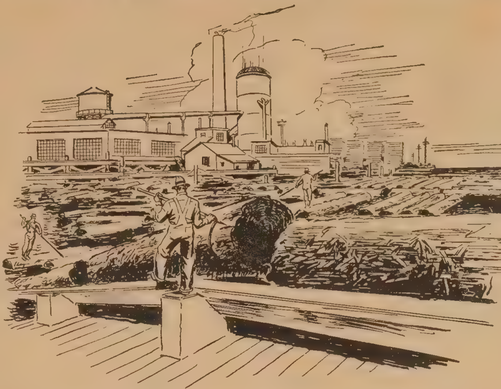
Corner

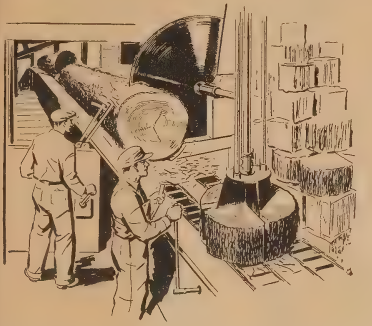
RED or BUFF—Red shipped unless otherwise specified.

No.		Size	No. Pcs.	Sq. Ft.	Wt. (lbs.)	Price
			Per Carton			
25-A	Siding Panel	**43¼x13⅞"**	12	50	95	**$4.95**
25-B	Soldier Base Course	**43¼x13⅞"**	12	50	95	**4.95**
25-C	Corner Strip	**4x4x36⅛"**	10		50	**5.75**
25-D	Mastic—50 lb. Cans . . each					**2.80**

Cedar Shingles and Siding

The manufacture of Shingles has undergone but little change since the first advent of lumbering machinery, yet Shingles have been in constant demand since the days of the earliest settlers. Giant Western Red Cedar trees grow interspersed with Douglas Fir on the mountain slopes of the Pacific Northwest. Many Red Cedar trees will produce enough Shingles to roof twenty or more homes. The logging operations, up to the point of getting the logs into the mill pond, are similar to those described on page 23.

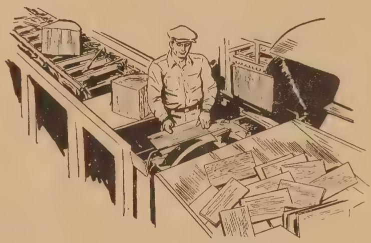


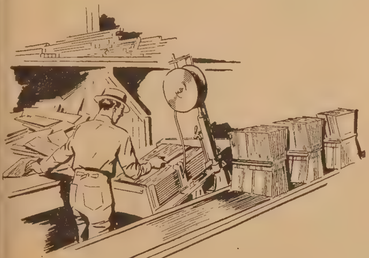


From the water, the logs are carried by chain conveyor up into the Shingle mill and cut into "Bolts"—16, 18 or 24 inches long—the length of the finished Shingles. The Bolts are then quartered or split apart and pass on a conveyor to the Shingle Saws.

The sawing is done in such a way as to make the Shingles all Vertical Grain which prevents them from twisting and curling. This is a semi-automatic operation, and the edges of the Shingles are then trimmed on a Clipper Saw, by hand, as it is necessary for the operator to watch carefully and cut out all defects which appear.

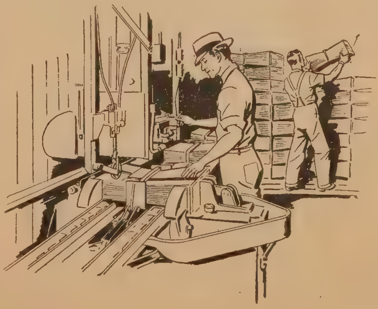
Down a chute from the Sawyers come the Shingles to the Graders who inspect each one and pack the No. 1's in uniform bundles, securing them by wood strips and strap iron while under pressure. The No. 2's and No. 3's (those which contain sap or small defects on the part which is to be covered up when laid) are thrown aside to other packers for separate bundling and the bundles then move on an endless belt to the Kiln where they are scientifically dried to a normal moisture content, a process usually requiring 10 days. After this, the bundles are repressed and each bundle of Shingles is stencilled with the Association grade mark.





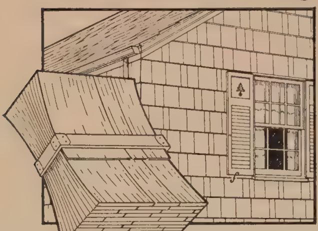
For most architectural effects Shingles are wanted in colors and it so happens that Western Red Cedar, by the same properties which make it a Natural Insulator, has a peculiar ability to receive and hold pigment or coloring matter. The millions of air cells in the wood stop the passage of heat or cold and by swelling shut on the surface when wet, stop the passage of moisture. The coloring matter of the stain lodges in the air cells and the color thus goes clear through the Shingle and stays there. Shingles can, of course, be dipped in a tub of Stain on the job, but this operation can be done far better and cheaper as a factory operation under controlled weather conditions.

Western Red Cedar Bevel Siding is made from the choicest logs, as the long pieces can have no defects whatever. Siding logs instead of being cut into Bolts, are squared up and put through Gang Resaws to develop thick vertical grain boards. These in turn are ripped to desired width and dressed four sides on a matcher as shown at the bottom of page 5. The dressed boards are then put through huge Band Resaws, tilted slightly so that the boards are cut apart on the bevel, thus forming Siding with a thick as well as a thin edge. An extra operation is required to rabbet out the thick edge or butt so that the Siding can be flat against the sheathing. Finally, the Siding is carefully graded, securely bundled and the ends of the bundles are capped to prevent damage in shipment.

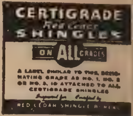


RED CEDAR SHINGLES

Outlast the Building—Provide Natural Insulation



No. 1 Shingles are **All Clear, All Heart an All Vertical Grain** and are recommende for the best work. **No. 2** Shingles have **12 Clear Butts** and may contain some flat grai and a little sap. All Shingles are graded according to Association rules, rigidly inspected and **grade marked.** All Shingles come in random widths 4" and up.


CERTIGRADE
Red Cedar
SHINGLES
ON ALL GRADES
A LABEL SIMILAR TO THIS, DENOMINATING GRADE AS NO. 1, NO. 2 OR NO. 3, IS ATTACHED TO ALL CERTIGRADE SHINGLES
RED CEDAR SHINGLE

$405
And Up
Per Wall Square

NATURAL SHINGLES

Are unstained and untreated in any way. They come just the wa they left the mill and give a warm rustic effect when applied withou staining. They can, of course, be stained or creosoted on the job– see Shingle Stains on next page.

STAINED SHINGLES

Ours are hand dipped and hand brushed. The pigment or coloring matter is carefully selecte and scientifically mixed with pure linseed oil which acts both as a vehicle for the pigment and preservative for the wood. The Shingles are entirely immersed in a tank of this **Linseed Oil Stai** of uniform consistency and color and are then "brushed off" to give an even appearance. A sma can of stain for touch-up purposes is shipped with every order. White Shingles are shipped i prime coat only as it is advisable to give them a brush coat of stain after they have been applied For this purpose, the proper amount of White Stain should be ordered with each shipment of Whit Shingles, as shown on opposite page.

21 — STAINED SHINGLE COLORS — 21

Group "A" Colors	Group "B" Colors	Group "C" Colors	
Terra Cotta–30	Willow Green–45	Deep Ivory–24	Prime White–1
Light Brown–32	Moss Green–46	Fawn–20	French Gray–22
Tobacco Brown–3	Bottle Green–47	Leaf Tan–25	Silver Gray–21
Walnut Brown–33		Desert Tan–23	Pearl Gray–26
Dark Brown–34		Sea Green–5	Slate Gray–15
Dull Black–31		Apple Green–10	Dutch Blue–41

See Page 2 for Actual colors—Order by Name and Number.

For Wall Use—Prices Per WALL SQUARE of 3 Bundles

No. 26-A "FIVEXES"—16" LONG.

PRICES

3 Bundles will cover **100** square feet if laid **7"** to the weather.
5 Shingles measure **2** inches thick at the butts.

	Weights	No. 2 12" Clear Butts	No. 1 All Clea
NATURAL (Not Stained)	108 lbs.	**$4.05**	**$5.10**
STAINED Any Group "A" Color	117 "	**6.52**	**7.08**
STAINED Any Group "B" Color	117 "	**6.61**	**7.17**
STAINED Any Group "C" Color	117 "	**7.08**	**7.64**

No. 26-B "EUREKAS"—18" LONG.

3 Bundles will cover **100** square feet if laid **7½"** to the weather.
5 Shingles measure **2** inches thick at the butts.

	Weights	No. 1 All Clea
NATURAL (Not Stained)	108 lbs.	**$5.30**
STAINED Any Group "A" Color	117 "	**7.31**
STAINED Any Group "B" Color	117 "	**7.46**
STAINED Any Group "C" Color	117 "	**7.90**

No. 26-C "PERFECTIONS"—18" LONG.

3 Bundles will cover **100** square feet if laid **7½"** to the weather.
5 Shingles measure **2¼** inches thick at the butts.

	Weights	No. 1 All Clea
NATURAL (Not Stained)	120 lbs.	**$5.55**
STAINED Any Group "A" Color	130 "	**7.54**
STAINED Any Group "B" Color	130 "	**7.64**
STAINED Any Group 'C" Color	130 "	**8.11**

No. 26-D "ROYALS"—24" LONG.

3 Bundles will cover **100** square feet if laid **10"** to the weather.
4 Shingles measure **2** inches thick at the butts.

	Weights	No. 1 All Clea
NATURAL (Not Stained)	144 lbs.	**$7.20**
STAINED Any Group "A" Color	155 "	**9.69**
STAINED Any Group "B" Color	155 "	**9.81**
STAINED Any Group "C" Color	155 "	**10.44**

For Roof Use—Prices Per ROOF SQUARE of 4 Bundles

No. 27-A "FIVEXES"—16" LONG.

PRICES

4 Bundles will cover **100** square feet if laid **5"** to the weather.
5 Shingles measure **2** inches thick at the butts.

	Weights	No. 2 12" Clear Butts	No. 1 All Clear
NATURAL (Not Stained)	144 lbs.	**$5.40**	**$6.80**
STAINED Any Group "A" Color	156 "	**8.69**	**9.44**
STAINED Any Group "B" Color	156 "	**8.81**	**9.56**
STAINED Any Group "C" Color	156 "	**9.44**	**10.19**

No. 27-B "EUREKAS"—18" LONG.*

4 Bundles will cover **100** square feet if laid **5½"** to the weather.
5 Shingles measure **2** inches thick at the butts.

	Weights	No. 1 All Clea
NATURAL (Not Stained)	144 lbs.	**$7.05**
STAINED Any Group "A" Color	156 "	**9.75**
STAINED Any Group "B" Color	156 "	**9.94**
STAINED Any Group "C" Color	156 "	**10.56**

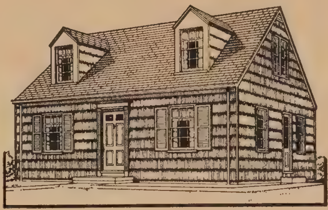
*** No. 27-C "Perfections"–5/2¼–18",** add per square............... **.35**

RED CEDAR Broadsides

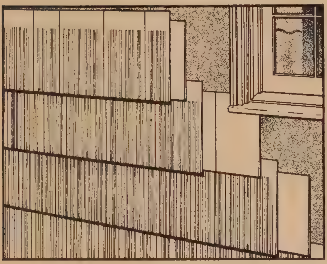
The New *DOUBLE COURSE* Siding Shingles

At Least Two Thicknesses Everywhere

The outer layer of shingles is made up of 18″ Processed Shakes which are square butted to give each course an even horizontal line and jointed so that they fit tightly together. The layer underneath is composed of regular 16″ No. 3 shingles which are not exposed except for the ends or butts. In addition to adding warmth to the wall, these cause the butts of the outer layer to cast an attractive heavy shadow. The Processed Shakes are **"Rived"** (have ridges cut in the exposed surfaces) so that they give an interesting wall treatment whether viewed from a distance or close by. The top or unexposed surface is smooth to insure a tight lap. Processed Shakes are strictly first quality, all clear, all vertical grain and all heart.



Heavy **shadow** lines **14″** apart and a clean-cut, **"Rived"** surface give an entirely new wall appearance that is sweeping the country by storm.



CHEAPER TO USE

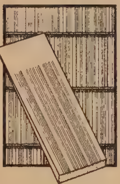
In addition to giving an unusually wide (14″) exposure—nearly twice that of Eurekas or Perfections and 4″ more than Royals—Broadsides are cheaper to use because they lay up much faster than ordinary shingles or siding. Broadsides are packed in a special way so that 2 cartons of Processed Shakes (Stained) and 2 bundles of Undercourse Shingles (Butt dipped only) will cover a square. Hot Zinc-dipped nails for Butt Nailing are included. Weight 110 lbs. per square.

No. **28-A** per Wall Square of 4 Bundles. . **$8.40**

Stained **any color** listed on opposite page.

RUSTIC SHINGLES OR SHAKES

Processed or Actually Hand Split – Natural or Stained



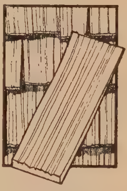
Processed

The roofs of the earliest log cabins were made of **Hand Split Shingles** or **Shakes** and many of these are still in service today. Our pioneer forefathers were thus securing, perhaps unwittingly, roofs with considerable insulating value judged by modern standards.

Processed Shakes are manufactured so as to imitate or give the same rustic appearance as Hand Split Shingles but are fairly even in thickness and shape.

Hand Split Shakes and **Rustics** are actually made by hand and contain the variations in thickness and shape to be expected from the use of hand tools.

Rustic Shingles or **Shakes** are all strictly first quality, all Clear, all Vertical Grain and all Heart genuine Red Cedar.



Hand Split

For Wall Use—Prices Per Wall Square

No. 28-B PROCESSED SHAKES—18″ LONG.

3 Bundles will cover 100 square feet if laid 7½″ to the weather.
5 Shingles measure 2½ inches thick at the butts.

	Weights	Prices
NATURAL (Not Stained)	110 lbs.	$ 8.70
STAINED—ALL COLORS	120 "	11.50

No. 28-D HAND SPLIT SHAKES—25″ LONG.

4 Bundles will cover 100 square feet if laid 10″ to the weather.
Measure about ½″ thick at the butts.

	Weights	Prices
NATURAL (Not Stained)	170 lbs.	$11.00
STAINED—ALL COLORS	180 "	14.75

No. 28-E HAND SPLIT RUSTICS—25″ LONG.

5 Bundles will cover 100 square feet if laid 10″ to the weather.
Vary from about ¾″ thick to 1¼″ thick at the butts.

	Weights	Prices
NATURAL (Not Stained)	280 lbs.	$13.44
STAINED—ALL COLORS	300 "	17.80

If for Roof use — write for prices, stating exposure desired.

Richtone SHINGLE STAIN

For Restoring Old Shingles or Dipping New Ones

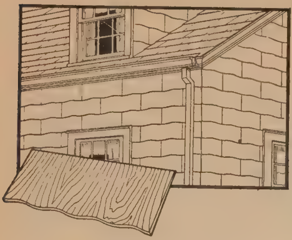
Our Shingle Stain differs from most others in that it contains absolutely nothing except **LINSEED OIL** and thoroughly ground pigments. One gallon will cover approximately **150** square feet one coat or **100** square feet two coats.

No. 29-F First Quality	PRICES PER GALLON	No. 29-S Second Quality
$1.15	50 Gallon Barrels	$0.95
1.25	30 " "	1.05
1.35	5 " Cans	1.15
1.45	1 " "	1.25

See page 2 for Actual Colors—Weight 10 lbs. per gallon.

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

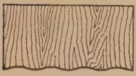
ASBESTOS SHINGLE SIDING



Fire-Proof – Water-Proof Never Needs Painting

Asbestos Fibre combined with Portland Cement and pure Mineral Pigments under tremendous pressure. The color is solid right through the Shingle from front to back, hence there can be no unsightly spots caused by chipping or scratching. Our Asbestos Shingles retain their fresh, natural color and will not show streaks or stains, despite exposure to weather. All Shingles come punched for nails. To cut to size or pattern just score with nail and break or use Cutter shown below.

WAVY BUTT SIDING – No. 30 – Wood Grained – 10½" Exposure

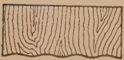


30
Waterproofed

Low-cost Siding Shingles with real sales appeal due largely to the pleasing appearance of the continuous wavy edge. 3 bundles of 19 shingles cover 1 square at 10½"x24" exposure (1½" overlap). 1¾" Special Alloy Nails (for exposed nailing) and Asphalt Joint Strips included. ¾ lb. of 1¼" galvanized nails required for top nailing. Size **12"x24"x⅜"** Weight **195** pounds per square.

Pearl Gray .... **$6 50** Square
Shell White .... **$6 80** Square

WAVY BUTT SIDING – No. 30-A – Wood Grained – 8" Exposure

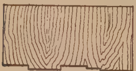


30-A
Waterproofed

Wavy edge effect with less exposure. Reduces apparent height of building. 4 bundles of 20 shingles cover 1 square at 8"x22" exposure (1½" overlap). 1¾" Special Alloy Nails and Asphalt Joint Strips included. 1 pound 1¼" galvanized nails required for top nailing. Size **9½"x22"x⅜"**. Weight **200** pounds per square.

Pearl Gray .... **$6 90** Square
Shell White .... **$7 15** Square

STAGGERED BUTT SIDING – No. 31 – Wood Grained – 10½" Exposure

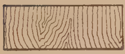


31
Waterproofed

Deep cypress graining combines with the staggered edges to give these shingles an interesting, thatched effect. Weight **195** pounds per square. 3 bundles of 19 shingles cover 1 square at 10½x24" exposure (1½" overlap). 1¾" Special Alloy Nails and Asphalt Joint Strips included. ¾ lb. of 1¼" galvanized nails required for top nailing. Size **12"x24"x⅜"**.

Pearl Gray .... **$6 55** Square
Shell White .... **$6 85** Square

STRAIGHT BUTT SIDING – No. 32 – Wood Grained – 7" Exposure

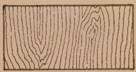


32
Waterproofed

Hard to distinguish from Wood Shingles and gives a pleasing horizontal line emphasis the same as Bevel or Bungalow Siding. 4 Bundles of 23 shingles cover 1 square at 7"x22" exposure (1½" overlap.) 1¾" Special Alloy Nails (for exposed nailing) and Asphalt Joint Strips included. 1 lb. of 1¼" galvanized nails required for top nailing. Size **8½"x22"x⅜"**. Weight **200** pounds per square.

Pearl Gray .... **$6 95** Square
Shell White .... **$7 20** Square

STRAIGHT BUTT SIDING – No. 32-A – Wood Grained – 10½" Exposure

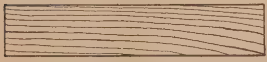


32-A
Waterproofed

For Modernistic Exteriors where Size is an important consideration. 3 bundles of 19 Shingles cover 1 square at 10½"x24" Exposure (1½" overlap). 1¾" Special Alloy Nails (for exposed nailing) and Asphalt Joint Strips included. ¾ pound of 1¼" galvanized nails required for top nailing. Size **12"x24"x⅜"**. Weight **195** pounds per square.

Pearl Gray .... **$6 60** Square
Shell White .... **$6 95** Square

CLAPBOARD SIDING – No. 33 – Wood Grained – 8½" Exposure



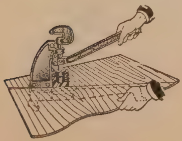
33

For Colonial Homes where Fireproof Exterior Walls are necessary or desired. Weight **200** pounds per square. 3 bundles of 12 Clapboards cover 1 square at 8½"x48" exposure (1" overlap). 1¾" Special Alloy Nails and Asphalt Joint Strips included. 1¼ lbs. of 1¼" galvanized nails required for top nailing. Size **9½"x48"x⅜"**.

Waterproofed

Pearl Gray .... **$6 80** Square
Shell White .... **$7 45** Square

LOW PRICED CUTTER for Asbestos Siding



Makes straight or angle cut of any length. Notches or mitres and punches nail holes. The leverage is powerfully compounded, making the operation easy and rapid. Weight **10** lbs.

No. **34-G**, each $11.50

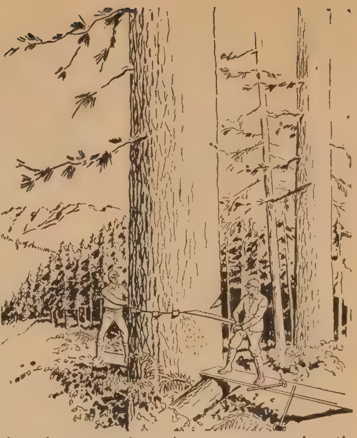
NOTE—Cutters cannot be included in shipments of Asbestos Siding and are shipped separately by express unless postage is included in remittance.

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

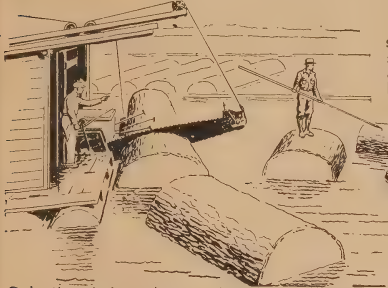
Plywood

While now in everyday use in thousands of ways, Plywood or wood built up of several thicknesses or "plies" is a distinct development of the twentieth century. It fills the ever increasing demand for a much stronger, yet thinner, lumber and for large rigid panels instead of ordinary boards. Plywood has other characteristics—it will not split and is practically warp proof—yet it can be cut as easily as any other lumber and with ordinary carpenter's tools.

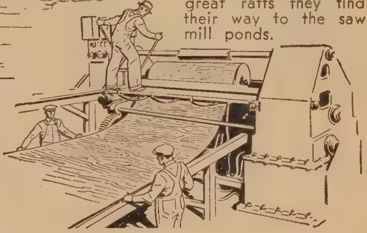
Plywood can be made from any species of wood and the face surfaces are selected for grain, coloring, and other characteristics which add rare beauty to the finished appearance. The best known and most widely used Plywood is made of Douglas Fir, which grows in tremendous stands of timber on the Pacific Slope of the Northwest—the Cascade and the Olympic Mountains—where the trees rise in rugged grandeur to towering heights.



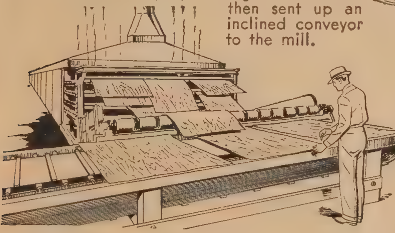
Logging operations there are on a gigantic scale, and the woodsmen are dwarfed by the size of the timber. After felling the trees and cutting them to thirty or forty foot lengths, Caterpillar Tractors drag them great distances up or down the mountain sides to specially constructed logging railroads. On long flat cars, the logs are hauled through mountain passes to a body of water large enough to float them, and in great rafts they find their way to the saw mill ponds.



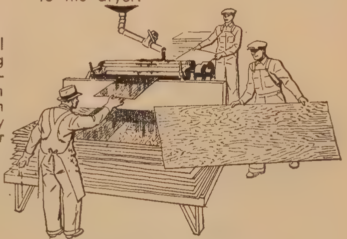
Only the choicest logs or "peelers" are used in making Plywood—they must be large, evenly developed, and of a certain texture. Those selected are cut while in the water by huge "drag saws" into proper lengths which are then sent up an inclined conveyor to the mill.



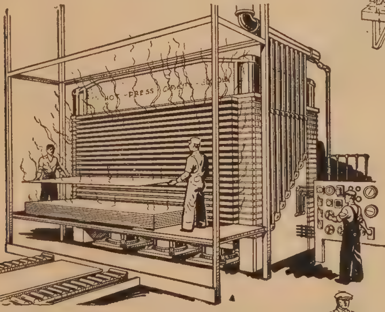
Here the blocks are lifted by an electric hoist into a giant turning lathe where a continuous sheet of thin veneer is peeled off—hence the name "rotary cut". The veneer is then "clipped" into convenient sized sheets and sent on an endless bed carrier to the dryer.



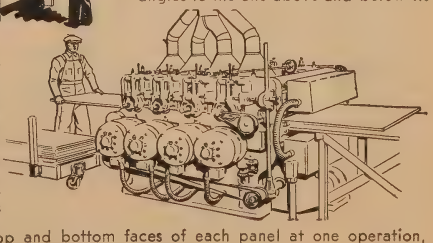
To remove the moisture absorbed in the mill pond, the thin sheets travel slowly through long ovens or dryers in which the heat gradually increases so that the veneer is thoroughly dry when it emerges at the other end. The sheets are then inspected and graded, those containing unsightly defects being used for cores or cut to smaller sizes.



The sheets of veneer next go to the glue-room where the core-sheets pass between rollers which spread an even coating of water-resisting glue on both sides of the sheets. The cores are then laid between the clear sheets which become the face sides of the finished panels. Thus the Plywood can be built up into 3, 5, 7, 9 or more thicknesses or plies, each with the grain running at right angles to the one above and below it.



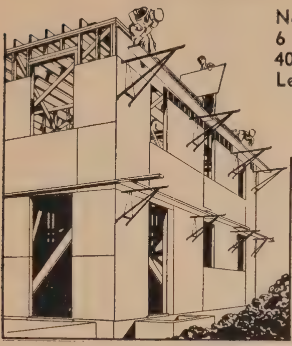
The newest development of the Industry is the Hot Press. This combines tremendous hydraulic pressure with intense, dry heat and as Synthetic Resin is used instead of glue, an absolutely waterproof Plywood is produced.



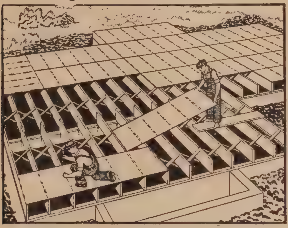
The panels then pass through a series of saws which trim them to standard sizes, cutting off all defects and irregularities and leaving the edges square and true. Specially designed 8 drum sanders polish off both the top and bottom faces of each panel at one operation, leaving the surfaces as smooth as writing paper and ready for any kind of finish. For some industrial uses and for sheathing, Plywood is used "rough" or unsanded.

FIR PLYWOOD SHEATHING

For Walls, Roofs and Sub-floors



Large panels handle quickly and are scored every **16″** as a guide in nailing



Weights Per Panel

5/16″	1/2″	5/8″
31 Lbs.	50 Lbs.	58 Lbs.

No waste to figure ● Put on in half the time
6 times more rigid than shiplap applied horizontally
40% more rigid than shiplap applied diagonally
Leaves smooth tight surfaces ● Accepted by F.H.A.

Douglas Fir – 3 ply – Unsanded

In 4′x8′ Panels Only

FOR EXTERIOR SIDEWALL SHEATHING

5/16″ thick. . . Per **4′x8′** Panel. . . **$1.44**

ROOF SHEATHING AND SUB-FLOORS

1/2″ thick. . . . Per **4′x8′** Panel. . . . **$2.32**

FOR LINOLEUM SUB-FLOORS

5/8″ thick. . . . Per **4′x8′** Panel. . . . **$2.80**

Linoleum can be cemented DIRECTLY to Plywood

5/16″ Sheathing for sidewalls should be covered with Building Paper held in place by ⅜x2″ furring strips to make a 5¼″ wall which will take a standard frame. The strips should be set 16″ apart and applied vertically for Bevel Siding or horizontally for Shingles. Notice how the **4′x8′** panels can be turned and cut around window and door openings.

Sub-floors should be laid over the entire area before plates are set for the partitions. This distributes the floor load and prevents a slight settling of floors in certain rooms due to the shrinkage of an occasional joist. The score lines indicate the centers of the joists so that the hardwood flooring can be nailed through the plywood directly to them.

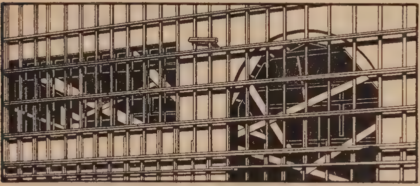
Plywood Roof Sheathing can be passed up and nailed on the rafters in less time than it takes merely to pass up ordinary Shiplap or tongued and grooved Sheathing. The Plywood has about twice the insulating value of ¾″ lumber and practically eliminates condensation on the back or underside. Asphalt Shingles can be nailed directly to it.

CONCRETE FORM PLYWOOD

For Smoother Concrete Surfaces

Used over and over ● Handles quicker than lumber ● 4 times as strong as lumber of the same thickness ● Lends itself readily to curved or irregular surfaces ● Requires less bracing ● Speeds up rush jobs

Concrete Form Plywood has the edges sealed with **aluminum** paint and the face sides **oiled.** The panels should be re-oiled after every use for best results. Concrete Form Plywood is Douglas Fir—**5** Ply—put together with special highly water resisting glue and sanded both sides.



See page 27 for Waterproof Plywood

Prices Per Panel

9/16″ Thick — 5 Ply

Size	Weight	Price
36″x96″	. . 40 lbs. . .	**$3.12**
48″x96″	. . 54 ″ .	**4.16**

3/4″ Thick — 5 Ply

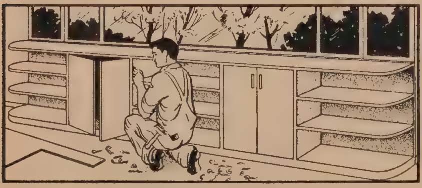
Size	Weight	Price
36″x96″	. . 54 lbs. .	**$3.84**
48″x96″	. . 72 ″ .	**5.12**

HEAVY PLYWOOD FOR INTERIOR USE

Will Not Shrink, Warp or Swell — Sanded Both Sides

For Cupboard Doors, Cabinets, Furniture, Wide Shelves and Counter Tops. Comes several times as wide as the widest board, yet costs no more than ordinary Finish Lumber.

Interior Plywood is put up 3 panels of one size bundled in heavy paper and sealed at the mill to keep it clean. Add $1.00 for each broken bundle. Full bundles insure arrival in perfect condition.



PRICES PER PANEL

3/4″ Thick – 5 Ply

Sound 2 Sides—Sanded 2 Sides

Size	Weight	Price
24″x96″	. . 36 lbs. . .	**$2.24**
30″x96″	. . 45 ″ .	**2.80**
36″x96″	. . 54 ″ .	**3.36**
48″x96″	. . 72 ″ .	**4.48**

144

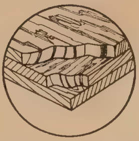
MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

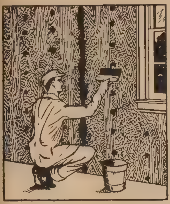
PLYWOOD WALLBOARD

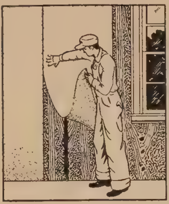
FOR DRY WALL CONSTRUCTION

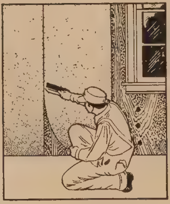
BEATS LATH AND PLASTER ON EVERY COUNT

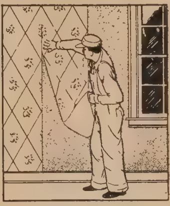
1. Saves 3 to 4 weeks' delay for drying of plaster.
2. Won't cause Trim, Doors or Flooring to warp.
3. Saves waiting on Lathers and Plasterers to start.
4. Won't develop unsightly cracks in after years.
5. Costs about the same as Lath without Plaster.









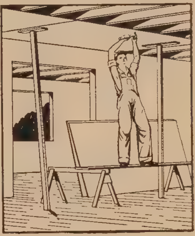


IT'S EASY AND SAFE TO PAPER OVER PLYWOOD WALLBOARD

Fill all joints and nail holes and **smooth** with sandpaper, then **size** the surface with Wallpaper Paste. Cover with light weight Felt or cheap, heavy Wallpaper which should be butt jointed. **Smooth** the Felt and apply the Wallpaper in the usual way. You now have a **CRACKPROOF** Job.

ONLY 1/4" THICK, YET AS STRONG AS 1" THICK LUMBER

FOUR TIMES AS STRONG as solid lumber of same thickness. Built up of 3 sheets of rotary cut veneer (the inner sheet with grain running crosswise) cemented together with vegetable glue under heavy pressure, then sanded on both sides to ¼" in thickness. Will not warp, twist or shrink. Backs may have defects but must be sound.



EASY TO APPLY—Comes in rigid panels 4 feet wide yet light in weight. Readily sawn both across and "with" the grain. Nails can be set without splitting. Joints need not be covered if reasonable care is exercised in putting up the panels. Send for details and instructions for making invisible (glued) joints.

EASY TO FINISH—Plywood Wallboard requires no more painting expense than do plastered walls and exactly the same effects can be secured—see pages 170 and 171 for our Plastic Wall Paint which comes in many attractive Tints. Decorative textures such as Pebble, Swirl Overlay, Tapestry, Travertine, etc., are easily made by competent painters the same as on plaster. In addition, considerable insulating value will be added if the Wallboard is given a heavy coat of aluminum paint on the back before it is put up. Write for a sample.

Ripple Grain Fir WALLBOARD

OUR PRICE ONLY **4¾c** **PER SQUARE FOOT**

3 ply, sanded to ¼" thick — **for lengths under 9 feet**

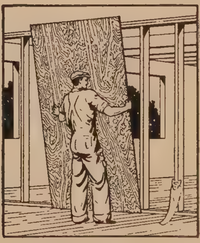
PRICES PER PANEL—1/4" THICK—3 PLY—SANDED

4'x4'	(48"x48")	$0.76	4'x8'	(48"x 96")	$1.52
4'x5'	(48"x60")	.95	4'x9'	(48"x108")	1.99
4'x6'	(48"x72")	1.14	4'x10'	(48"x120")	2.35
4'x7'	(48"x84")	1.33	4'x12'	(48"x144")	3.31

Bundled in heavy paper and sealed at the mill immediately after being sanded. Lengths 8' and shorter put up 10 panels of one size, while 9', 10' or 12' lengths are put up 5 panels of one size to the bundle. **Order in full bundles** to insure receipt in perfect condition—otherwise add $1.00 for each broken bundle. Weight 80 lbs. per 100 square feet.

Philippine Mahogany WALLBOARD

For Really Fine Interiors



Warm in color and rich in figure, Philippine Mahogany Wallboard gives strikingly beautiful results at very little extra cost. Can be given a light stain or finished natural. The Face Veneers are rotary cut and the grain runs the length of the panels with Fir cross-banding and Fir backs. Use Philippine Mahogany Trim which is shown on page 14.

PRICES PER PANEL—¼" THICK—3 PLY—SANDED

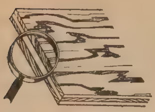
10c Sq. Ft.

4'x5'	(48"x60")	$2.00
4'x6'	(48"x72")	2.40
4'x7'	(48"x84")	2.80
4'x8'	(48"x96")	3.20

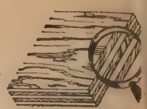
10 Panels of one size bundled in heavy paper and sealed at the mill. Add $1.00 for each broken bundle. Weight—80 lbs. per 100 square feet.

DOUGLAS FIR PLYWOO

Made with Water Resisting Glue



ALL PANELS SANDED 2 SIDES
TO NET THICKNESS SHOWN
PRICES PER PANEL
S2S means Sound 2 Sides; G1S means Good 1 Side
G2S means Good 2 Sides



3 PLY 5 PL

1/8″ – 3 Ply – 1/8″

	Sound 2 Sides **S2S**				Good I Side **G1S**				Good 2 Sides **G2S**			
	Lengths				Lengths				Lengths			
Widths	60″	72″	84″	96″	60″	72″	84″	96″	60″	72″	84″	96
36″		$1.29	$1.50	$1.71		$1.65	$1.93	$2.20		$1.97	$2.30	$2.6
48″		1.77	2.07	2.37		2.26	2.64	3.02		2.69	3.14	3.5

3/16″ – 3 Ply – 3/16″

Widths	S2S 60″	S2S 72″	S2S 84″	S2S 96″	G1S 60″	G1S 72″	G1S 84″	G1S 96″	G2S 60″	G2S 72″	G2S 84″	G2S 96
18″	$0.54	$0.64	$0.75	$0.86	$0.69	$0.83	$0.96	$1.10	$0.82	$0.99	$1.15	$1.3
24″	.71	.86	1.00	1.14	.92	1.10	1.29	1.47	1.10	1.32	1.54	1.7
30″	.89	1.07	1.25	1.43	1.15	1.38	1.61	1.84	1.37	1.64	1.92	2.1
36″	1.07	1.29	1.50	1.71	1.38	1.65	1.93	2.20	1.64	1.97	2.30	2.6
48″	1.48	1.77	2.07	2.37	1.89	2.26	2.64	3.02	2.24	2.69	3.14	3.5

1/4″ – 3 Ply – 1/4″

Widths	S2S 60″	S2S 72″	S2S 84″	S2S 96″	G1S 60″	G1S 72″	G1S 84″	G1S 96″	G2S 60″	G2S 72″	G2S 84″	G2S 96
18″	$0.50	$0.60	$0.70	$0.80	$0.65	$0.78	$0.91	$1.04	$0.78	$0.94	$1.10	$1.2
20″	.55	.66	.77	.88	.72	.87	1.01	1.16	.87	1.05	1.22	1.3
22″	.61	.73	.85	.97	.79	.95	1.11	1.27	.96	1.15	1.34	1.5
24″	.66	.80	.93	1.06	.87	1.04	1.21	1.39	1.05	1.25	1.46	1.6
28″	.77	.93	1.08	1.24	1.01	1.21	1.42	1.62	1.22	1.46	1.71	1.9
30″	.83	.99	1.16	1.33	1.08	1.30	1.52	1.73	1.31	1.57	1.83	2.0
36″	.99	1.19	1.39	1.59	1.30	1.56	1.82	2.08	1.57	1.88	2.20	2.5
48″	See Wallboard—Page 25				See Wallboard—Page 25				2.14	2.57	3.00	3.4

3/8″ – 3 Ply – 3/8″

Widths	S2S 60″	S2S 72″	S2S 84″	S2S 96″	G1S 60″	G1S 72″	G1S 84″	G1S 96″	G2S 60″	G2S 72″	G2S 84″	G2S 96
22″		$0.98	$1.15	$1.31		$1.21	$1.41	$1.61		$1.40	$1.64	$1.8
24″	$0.89	1.07	1.25	1.43	$1.10	1.32	1.54	1.75	$1.28	1.53	1.79	2.0
26″	.97	1.16	1.35	1.55	1.19	1.43	1.66	1.90	1.38	1.66	1.93	2.2
30″	1.12	1.34	1.56	1.79	1.37	1.64	1.92	2.19	1.59	1.91	2.23	2.5
36″	1.34	1.61	1.87	2.14	1.64	1.97	2.30	2.63	1.91	2.30	2.68	3.0
48″	1.84	2.20	2.57	2.94	2.24	2.69	3.14	3.59	2.60	3.12	3.64	4.1

1/2″ – 5 Ply – 1/2″

Widths	S2S 60″	S2S 72″	S2S 84″	S2S 96″	G1S 60″	G1S 72″	G1S 84″	G1S 96″	G2S 60″	G2S 72″	G2S 84″	G2S 96
18″	$0.92	$1.10	$1.29	$1.47	$1.07	$1.29	$1.50	$1.71	$1.20	$1.45	$1.69	$1.9
24″	1.22	1.47	1.71	1.96	1.43	1.71	2.00	2.28	1.61	1.93	2.25	2.5
30″	1.53	1.84	2.14	2.45	1.79	2.14	2.50	2.86	2.01	2.41	2.81	3.2
36″	1.84	2.20	2.57	2.94	2.14	2.57	3.00	3.43	2.41	2.89	3.37	3.8
48″	2.50	3.00	3.50	4.00	2.91	3.49	4.07	4.65	3.26	3.92	4.57	5.2

5/8″ – 5 Ply – 5/8″

Widths	S2S 60″	S2S 72″	S2S 84″	S2S 96″	G1S 60″	G1S 72″	G1S 84″	G1S 96″	G2S 60″	G2S 72″	G2S 84″	G2S 96
24″	$1.43	$1.71	$2.00	$2.28	$1.63	$1.96	$2.28	$2.61	$1.81	$2.17	$2.53	$2.9
30″	1.82	2.18	2.54	2.91	2.07	2.49	2.90	3.32	2.30	2.75	3.21	3.6
36″	2.18	2.62	3.05	3.49	2.49	2.98	3.48	3.98	2.75	3.30	3.86	4.4
48″	2.96	3.55	4.14	4.73	3.37	4.04	4.71	5.39	3.72	4.47	5.21	5.9

3/4″ – 5 Ply – 3/4″

Widths	S2S 60″	S2S 72″	S2S 84″	S2S 96″	G1S 60″	G1S 72″	G1S 84″	G1S 96″	G2S 60″	G2S 72″	G2S 84″	G2S 96
18″	$1.22	$1.47	$1.71	$1.96	$1.38	$1.65	$1.93	$2.20	$1.51	$1.81	$2.12	$2.4
20″	1.36	1.63	1.90	2.18	1.53	1.84	2.14	2.45	1.68	2.01	2.35	2.6
22″	1.50	1.80	2.09	2.39	1.68	2.02	2.36	2.69	1.85	2.22	2.59	2.9
24″	1.63	1.96	2.28	*	1.84	2.20	2.57	2.94	2.01	2.42	2.82	3.2
30″	2.07	2.49	2.90	*	2.33	2.79	3.26	3.72	2.55	3.06	3.57	4.0
36″	2.49	2.98	3.48	*	2.79	3.35	3.91	4.47	3.06	3.67	4.28	4.9
48″	3.37	4.04	4.71	*	3.77	4.53	5.28	6.04	4.13	4.96	5.78	6.6

*These items priced at bottom of page 24.

EXTRA WIDE AND EXTRA LONG

	1/4″ – 3 Ply – 1/4″			3/8″ – 3 Ply		
Size	S2S	G1S	G2S	S2S	G1S	G2S
30x120″	$1.98	$2.68	$3.25	$2.55	$3.25	$3.83
36 "	2.37	3.21	3.90	3.06	3.90	4.59
48 "	3.26	4.39	5.30	4.18	5.30	6.22

	1/2″ – 5 Ply – 1/2″			5/8″ – 5 Ply		
Size	S2S	G1S	G2S	S2S	G1S	G2S
30x120″	$3.38	$4.08	$4.65	$3.95	$4.65	$5.23
36 "	4.06	4.90	5.58	4.74	5.58	6.27
48x108″	4.87	5.88	6.70			
48x120″	5.51	6.63	7.55	6.43	7.55	8.47
60x 54″	3.10	3.73	4.25	3.61	4.25	4.76
60x108″	6.66	7.92	8.95	7.69	8.95	9.98

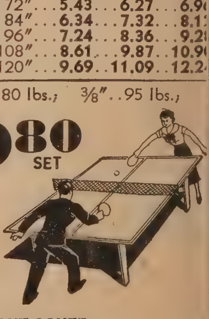
3/4″ – 5 Ply – 3/4″

Size	S2S	G1S	G2
24x120″	$3.51	$4.08	$4.5
30 "	4.46	5.16	5.7
36 "	5.36	6.20	6.8
36x144″	6.98	7.99	8.8
42x 84″	4.12	4.62	5.0
48x108″	6.43	7.44	8.2
48x120″	7.24	8.36	9.2
48x144″	9.42	10.77	11.8
60x 54″	4.07	4.70	5.2
60x 72″	5.43	6.27	6.9
60x 84″	6.34	7.32	8.1
60x 96″	7.24	8.36	9.2
60x108″	8.61	9.87	10.9
60x120″	9.69	11.09	12.2

Weights per 100 square feet: ⅛″..50 lbs.; 3⁄16″..65 lbs.; ¼″..80 lbs.; ⅜″..95 lbs.; ½″..130 lbs.; ⅝″..185 lbs.; ¾″..225 lbs.

TABLE TENNIS or PING PONG SETS

$10.80 SET



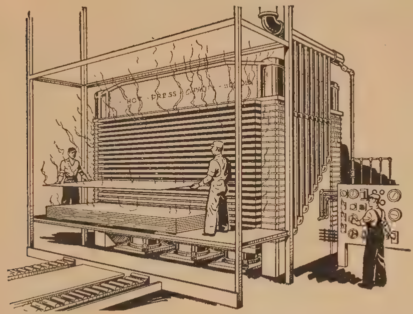
BASE is completely machined. Ready to put together without nails or screws. It can be taken down in about a minute and stored in a closet.

Made of Douglas Fir. Weight 20 lbs. Price........$4.60

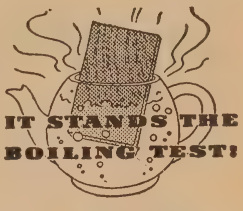
TOP consists of 2 Panels, each 60x54″ sanded and paper wrapped. ⅝″ Thick, 5 Ply, Weight 84 lbs.
Price per Set of 2 Panels..........................$6.20
Total Price Complete Set..........................$10.80

WATERPROOF PLYWOOD

For Marine or Exterior Use



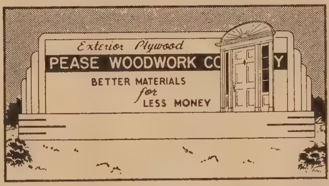
Waterproof Plywood is put together with a Synthetic Resin Binder **(NOT GLUE)** in a **HOT PLATE PRESS** under tremendous hydraulic pressure and then tempered in closed chambers to normal conditions. It can be boiled indefinitely and is not affected by oils nor most common acids. It is rodent and termite-proof and impervious to ROT or DECAY.


IT STANDS THE BOILING TEST!

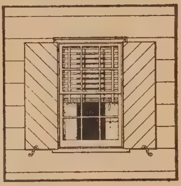
Test for Exterior Plywood as drawn up by the National Bureau of Standards (Par. 24-CS45-38) is as follows: "Boiling test pieces four hours and drying at 145° for twenty hours plus boiling for four hours plus testing while wet. Test pieces must show no delamination, average at least 60% wood failure, no individual test piece can show less than 30% wood failure."

BOATS

OUTDOOR DISPLAYS



SHUTTERS



FIR – Prices per Panel – Sound 2 Sides – Sanded 2 Sides

Panel Sizes	⅛″ 3 Ply	¼″ 3 Ply	⅜″ 3 Ply	½″ 5 Ply	⅝″ 5 Ply	¾″ 5 Ply
30x60″			$1.47			
36		$1.38	1.76			$3.52
48		1.84	2.35			4.69
30x72″		1.38	1.76			3.52
36		1.65	2.11	$3.03		4.22
48		2.20	2.82	4.04	$4.77	5.63
30x84″		1.61	2.05			4.11
36		1.93	2.46	3.53	4.18	4.93
48	$2.43	2.57	3.28	4.71	5.57	6.57
30x96″		1.84	2.35			4.69
36	2.08	2.20	2.82	4.04	4.77	5.63
48	2.77	2.94	3.75	5.39	6.36	7.51
48x120″	4.08	4.28	5.30	7.34	8.57	9.89
60				10.20	11.35	
30x144″		3.60				
36		4.31	5.23			
48	5.51	5.75	6.98	9.42		12.61
48x168″		10.42	11.85			
36x192″		10.65	11.87			
48		14.20	15.83			

24x180″ . . ¼″ . . 3 Ply . . **$6.50** 60x96″ . . ⅝″ . . 5 Ply . . **$8.57** 42x96″ . . ¾″ . . 5 Ply . . **$6.57**

Hot Resin Bonded HARDWOOD Plywood

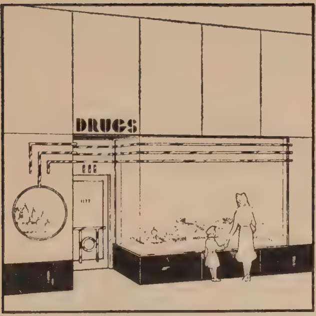
Made in a HOT PLATE PRESS as described above, but with face veneers of the most beautiful Domestic and Imported Hardwoods. The grain runs the long way of the panels so that they can be used for interior wall surfaces. As these panels are **Hot Resin Bonded, the grain will not raise.** The backs are sound.

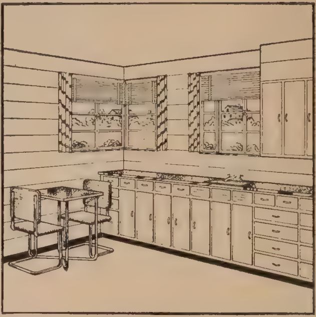
Good 1 Side – Sanded 2 Sides **All ¼″ thick – 3 ply**	Prices per Square Foot	Prices per Panel 4′x6′	 4′x7′	 4′x8′
Plain Gum	9½c	$2.28		$3.04
Plain Birch	13c	3.12	$3.64	4.16
Plain White Oak	14½c	3.48	4.06	4.64
Quartered Sycamore	14½c	3.48	4.06	4.64
American Black Walnut	15½c	3.72	4.34	4.96
African Mahogany	15½c	3.72	4.34	4.96
Quartered Elm	17c	4.08	4.76	5.44
Quartered White Oak	19c	4.56	5.32	6.08
Cherry	19c	4.56	5.32	6.08
Figured Red Gum	24c	5.76	6.72	7.68
Prima Vera	27½c	6.60	7.70	8.80
Avodire	29c	6.96	8.12	9.28
Zebra Wood	30c	7.20	8.40	9.60

Richtone PANELBOARD

Trade Mark Reg. U. S. Patent Office

Beautiful Colors — Durable *High Gloss* Finish
FOR INTERIORS and STORE FRONTS





ANY COLOR, PLAIN OR SCORED 18c PER SQUARE FOOT AND UP

- **ALL 12 COLORS** are uniform and harmonize with modern fixtures and draperies. Beautiful effects are secured by the contrasting score lines. We suggest using **Cap** and **Base** members in another color which will also contrast sharply with the Tileboard.
- **MODERNISTIC** or Streamlined effects can be secured by using large panels scored horizontally in a variety of ways such as **1** scoreline every 8", **3** scorelines every 16" or **5** scorelines every 16"—see illustrations at bottom of page. These all have full scoreline on one long edge of each panel, and can be installed with or without metal joint mould.
- **PLAIN** unscored panels are coming into great favor for bathrooms and kitchens as they give a more sanitary appearance and fit in with the modern decorative trend. Edges are plain (not scored) and can be installed with or without metal joint mould. When used on Store Fronts they give the effect of materials that are much more costly.

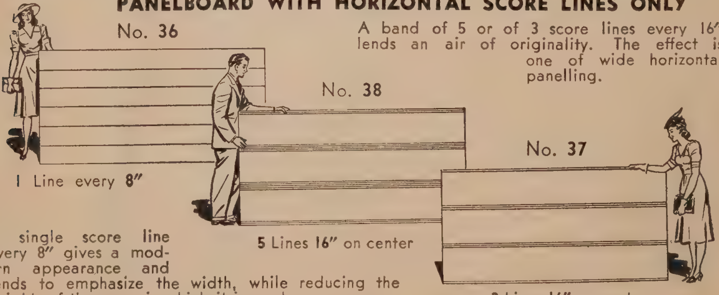
Prices per Panel — See Actual Colors on page 1 — Write for Samples
All colors or combinations shown are the same price

No. **35**	No. **36**	No. **37**	No. **38**
12 Plain Colors (Not scored)	**1** Line every **8"**	**3** Lines **16"** on center	**5** Lines **16"** on center
	All scored horizontally		

	Panel Sizes	**Per. Sq. Ft.**	**Per Panel**	**Color**	**Score Lines**
White	**4'X4'**	**18c**	**$2.88**	White	Black
Ivory				White	Blue
Yellow				White	Red
Peach				Ivory	White
Pale Green	**4'X5'**	**19c**	**$3.80**	Ivory	Black
Jade Green				Yellow	White
Delft Blue				Peach	White
Dutch Blue				Pale Green	White
Orchid				Jade Green	White
Dubonnet	**4'X6'**	**19c**	**$4.56**	Delft Blue	White
Chinese Red				Dutch Blue	White
Black				Orchid	White
				Dubonnet	White
	4'X8'	**20c**	**$6.40**	Chinese Red	White
				Black	White

Panelboard is packed with paper separators and is stoutly crated in wood. We can furnish assorted colors and lengths as requested, without extra charge. On orders for less than **10** panels, add **$1.00** for crating. Weight per panel: 4'x4'..14 lbs.; 4'x5'..17 lbs.; 4'x6'..21 lbs.; 4'x8'..28 lbs.

PANELBOARD WITH HORIZONTAL SCORE LINES ONLY



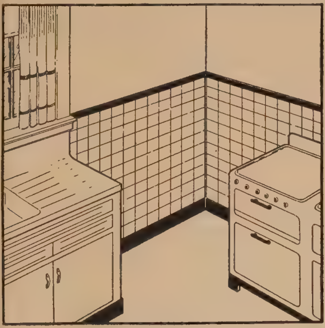
A band of 5 or of 3 score lines every 16" lends an air of originality. The effect is one of wide horizontal panelling.

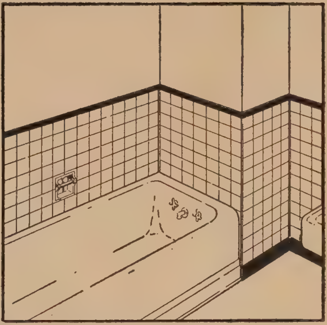
A single score line every 8" gives a modern appearance and tends to emphasize the width, while reducing the height, of the room in which it is used.

Richtone TILEBOARD

Trade Mark Reg. U. S. Patent Office

Beautiful Colors — Durable *High* Gloss Finish
FOR KITCHENS and BATHROOMS





NOW AS LOW AS 18c PER SQUARE FOOT

- **MASONITE TEMPERED HARDBOARD,** 1/8″ thick, provides a strong durable base four times as strong as lumber. The panels are 4′ wide by 4′, 5′, 6′ or 8′ long and can be sawed or cut with ordinary carpenter's tools to fit any irregular wall areas.
- **BAKED-ON DUPONT ENAMEL** finish, which resembles a ceramic glaze, is moisture resisting, crack or craze-proof and will not chip. It is easily cleaned with soap and water or a damp cloth, and comes with a high lustre **gloss** surface.
- **INSTALLATION** is extremely simple either over old walls or in new work. The panels can be nailed in place through the scorelines or cemented to the wall with special waterproof cement. All 4″x4″ scored sheets have full scoreline on two adjoining edges and can hence be set with or without metal joint mouldings. Cap and Base Members finish off the top and bottom.

No. 39 — Scored in 4″x4″ Squares — Prices per Panel

15 Color Combinations—all colors the same price.

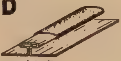
Color	Score Lines
White	Black
White	Blue
White	Red
Ivory	White
Ivory	Black
Yellow	White
Peach	White
Pale Green	White
Jade Green	White
Delft Blue	White
Dutch Blue	White
Orchid	White
Dubonnet	White
Chinese Red	White
Black	White

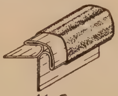
Panel Sizes	Per Sq Ft.	Per Panel
4′ x 4′	18c	$288
4′ x 5′	19c	$380
4′ x 6′	19c	$456
4′ x 8′	20c	$640

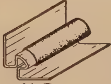
Tileboard is packed with paper separators and is stoutly crated in wood. We can furnish assorted colors and lengths as required without extra charge. On orders for less than **10** panels, add **$1.00** for crating. Weights per panel: 4′x4′...14 lbs.; 4′x5′...17 lbs.; 4′x6′...21 lbs.; 4′x8′...28 lbs.

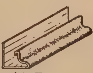
METAL MOULDINGS for TILEBOARD

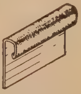
Stainless Steel or Zinc with Polished Chrome Finish.





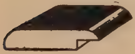






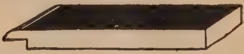
Prices per Piece	**41-B** Joint Mould	**41-C** Outside Corner	**41-D** Inside Corner	**41-E** Tub Edging or Cove Base	**41-F** Edging or Cap
4′ long	44c	56c	44c	44c	36c
6′ “	66c	84c	66c	66c	54c
8′ “	88c	$1.12	88c	88c	72c

COLORED MASONITE CAP AND BASE MEMBERS



1/4″ thick—rabbetted

In any of the colors shown above.



CAP 1¾″ wide

No.	Kind	4′	6′	8′
40-P	Plain, not scored	36c	54c	72c
40-S	Scored **8″** apart	60c	90c	$1.20

BASE 4″ wide

No.	Kind	4′	6′	8′
41-P	Plain, not scored	48c	72c	96c
41-S	Scored **8″** apart	72c	$1.08	$1.44

—Prices Per Piece—

Cap and Base always shipped **NOT** scored unless otherwise specified.

WATERPROOF CEMENT

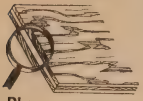
For installing Tileboard without nails.
1 Gal. will take care of 100 sq. ft.
No. **41-G,** per gallon can........$1.25

SCORE LINE TOUCH UP

In small metal cans: White, Red, Blue or Black. State color wanted.
No. **41-H,** per can................25c

HARDWOOD PLYWOOD

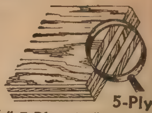
Selected Veneers – Carefully Matched



ALL SANDED 2 SIDES TO NET THICKNESS SHOWN

G1S means Good One Side—G2S means Good Two Sides

PRICES PER PANEL



PLAIN GUM

3-Ply	⅛″ 3 Ply	¼″ 3 Ply		⅜″ 3 Ply		½″ 5 Ply	¾″ 5 Ply	5-Ply 13/16″ 5 Ply*
Panel Sizes	G1S	G1S	G2S	G1S	G2S	G1S	G1S	G1S
24x48″	$0.63	$0.69	$0.75	$0.98		$1.29	$1.92	$2.86
30	.79	.87	.94	1.22		1.61	2.40	3.57
36	.95	1.04	1.13	1.47		1.93	2.88	4.28
24x60″	.84	.92	1.10	1.28	$1.82	1.74	2.45	3.62
30	1.05	1.15	1.37	1.59		2.18	3.06	4.53
36	1.26	1.38	1.64	1.91	2.18	2.61	3.67	5.43
24x72″	1.04	1.13	1.35	1.56	1.77	2.02	2.97	4.38
30	1.30	1.42	1.68	1.95	2.22	2.52	3.71	5.47
36	1.56	1.70	2.02	2.34	2.66	3.03	4.45	6.56
24x84″		1.57	1.82	2.07	2.32	2.61	3.71	5.36
30		1.96	2.28	2.59	2.90	3.26	4.64	6.69
36		2.36	2.73	3.11	3.48	3.91	5.57	8.03

With Lumber Core. Can be used for CUPBOARD DOORS, Counter Fronts, Table Tops, etc.

PLAIN BIRCH

Panel Sizes	¼″ 3 Ply G1S	¼″ 3 Ply G2S	⅜″ 5 Ply G1S	⅜″ 5 Ply G2S	½″ 5 Ply G1S	½″ 5 Ply G2S	13/16″ 5 Ply* G1S	13/16″ 5 Ply* G2S
24x48″	$1.33	$1.53	$2.04	$2.24	$2.37		$3.20	
30	1.66	1.91	2.55	2.81			4.00	
36	1.99	2.30	3.06	3.37			4.80	
24x60″	1.79	2.17	2.68	3.06	3.09		4.13	
30	2.23	2.71	3.35	3.83	3.86		5.16	
36	2.68	3.25	4.02	4.59	4.63		6.20	
24x72″	2.14	2.60	3.21	3.67	3.98	$4.56	5.23	$5.81
30	2.68	3.25	4.02	4.59	4.97	5.70	6.54	
36	3.21	3.90	4.82	5.51	5.97	6.84	7.85	8.72
48	4.71	5.51	6.73	7.77	8.38		10.89	12.06
24x84″	2.68	3.21	3.93	4.53			6.35	
30	3.35	4.02	4.91	5.67			7.94	
36	4.02	4.82	5.89	6.80	7.34		9.53	10.55
48	5.71	7.14	8.21	9.64	10.28		13.21	14.57
24x96″	3.26	4.08	4.69	5.51			7.47	
30	4.08	5.10	5.87	6.89			9.33	
36	4.90	6.12	7.04	8.26	8.69		11.20	
48	7.34	8.98	10.20	11.83	12.16		15.50	17.30

*With Lumber Core. Can be used for **CUPBOARD DOORS,** Counter Fronts, Table Tops, etc.*
Most of the above can also be furnished ⅛″, 3/16″, 5/16″, and ⅝″ thick at proportionately low prices.
FOR BENDING, we can supply 2 ply panels ⅛″ thick.

RED GUM

Panel Sizes	¼″ 3 Ply G1S	¼″ 3 Ply G2S	⅜″ 5 Ply G1S	⅜″ 5 Ply G2S
24x48″	$1.02			
30	1.28			
36	1.53			
24x60″	1.33			
30	1.66			
36	1.99		$2.52	
24x72″	1.59	$2.26	2.02	$2.63
30	1.99	2.83	2.52	3.29
36	2.39	3.40	3.03	3.95
24x84″	2.07	2.86	2.61	3.27
30	2.59		3.26	4.09
36	3.11	4.28	3.91	4.91

RED OAK

Panel Sizes	¼″ 3 Ply G1S	¼″ 3 Ply G2S	⅜″ 5 Ply G1S	⅜″ 5 Ply G2S
24x48″	$1.39	$1.71	$2.08	$2.41
30	1.73	2.14	2.60	3.01
36	2.08	2.57	3.12	3.61
24x60″	1.91	2.35	2.78	3.21
30	2.39	2.93	3.47	4.02
36	2.87	3.52	4.17	4.82
24x72″	2.66	3.40	3.70	4.44
30	3.33	4.25	4.63	5.55
36	3.99	5.09	5.55	6.66
24x84″	3.28	4.28	4.50	
30	4.11	5.36	5.62	
36	4.93	6.43	6.75	8.25

PHILIPPINE MAHOGANY

Ribbon Grain

Panel Sizes	¼″ 3 Ply G1S	⅜″ 3 Ply G1S	¾″ 5 Ply G1S
36x72″	$2.85	$3.53	$4.64
84″	3.32	4.12	5.41
96″	3.79	4.71	6.18
48x72″	3.79	4.71	6.18
84″	4.43	5.50	7.21
96″	5.06	6.28	8.24

QUARTERED WHITE OAK

Sawn Veneers

Panel Sizes	¼″ 3 Ply G1S	¼″ 3 Ply G2S	⅜″ 5 Ply G1S	⅜″ 5 Ply G2S
24x60″	$3.06	$4.44	$3.93	$5.30
30	3.83	5.55	4.91	6.63
36	4.59	6.66	5.89	7.96
24x72″	3.83	5.84	4.87	6.89
30	4.78	7.31	6.08	8.61
36	5.74	8.77	7.30	10.33

AFRICAN MAHOGANY

Sliced Veneers, Striped Grain

Panel Sizes	¼″ 3 Ply G1S	¼″ 3 Ply G2S
24x48″	$1.63	$2.20
30	2.04	2.75
36	2.45	3.30
24x60″	2.14	2.93
30	2.68	3.67
36	3.21	4.40
24x72″	2.91	3.89
30	3.63	4.86
36	4.36	5.83
24x84″		
30		
36	5.41	

FIGURED RED GUM

Sliced Veneers

Panel Sizes	¼″ 3 Ply G1S	¼″ 3 Ply G2S
24x48″		
30		
36	$2.91	
24x60″	2.55	$3.67
30	3.19	4.59
36	3.83	5.51
24x72″	3.67	5.39
30	4.59	6.73
36	5.51	8.08
24x84″		
30		
36	6.80	

BLACK WALNUT

Sliced Veneers, Fig. Grain

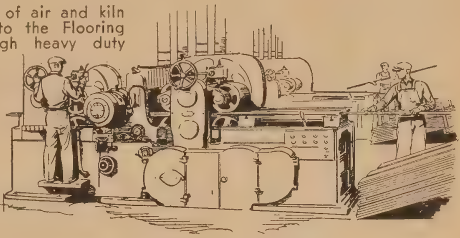
Panel Sizes	¼″ 3 Ply G1S	¼″ 3 Ply G2S
24x48″	$1.86	$2.65
30	2.32	3.32
36	2.78	3.98
24x60″	2.50	3.60
30	3.12	4.49
36	3.75	5.39
24x72″	3.58	5.23
30	4.48	6.54
36	5.37	7.85
24x84″	4.43	6.53
30	5.53	8.17
36	6.64	9.80

We can also furnish a great variety of plywood made from fine Domestic and Imported Hardwoods such as Bird's-Eye Maple, White Maple, Curly Birch, Basswood, Tennessee Cedar, Satinwood, Zebra, Avodire, Oriental and Prima Vera. Write us for prices.
Weights per square foot: ¼″—1 lb., ⅜″—1½ lbs., ½″—2 lbs., ¾″—2½ lbs., 13/16″—2¾ lbs.

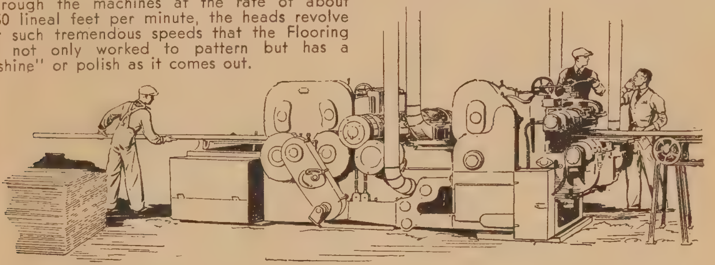
Hardwood Flooring

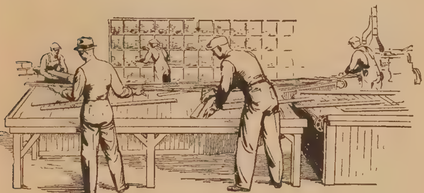
The production of Oak Flooring is concentrated largely in Tennessee, where the soft textured Appalachian Mountain Oak is most plentiful, and in Arkansas where the lumber comes from the Ozarks. Southern Maple and Beech grow interspersed with Red and White Oak, while Northern Maple Flooring comes principally from the Upper Peninsula of Michigan and from Northern Wisconsin. The lumber is cut and manufactured much the same as is Yellow Pine lumber described on page 5, except that the best Oak grows in mountainous territory which makes it much more difficult to get the logs from the stump to the mill.

After a carefully checked period of air and kiln drying, the lumber is brought to the Flooring Mill where it first goes through heavy duty Double Surfacers, as shown at right, to bring it to an even thickness. From this point on the stock moves swiftly on endless chain belts from one operation to another, beginning with the gang rip saws. These reduce the wide boards to narrow strips of uniform size which then travel right along to the Flooring Machines.



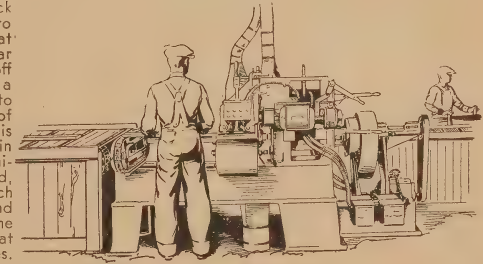
The criterion by which any Flooring Mill is judged, is the character of work that its Flooring Machines turn out. These are massively built for long years of heavy duty and great care is taken to eliminate any possible vibration which would result in an imperfect product. The four cutting heads on each machine are accurately set by a standard template to make sure the Flooring is absolutely uniform at all times and the matching, or tongue and groove joints, are frequently checked by the operator. Although the Flooring moves through the machines at the rate of about 150 lineal feet per minute, the heads revolve at such tremendous speeds that the Flooring is not only worked to pattern but has a "shine" or polish as it comes out.

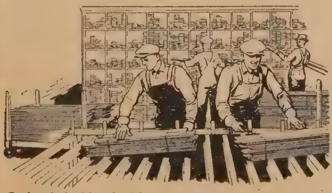




Behind the Flooring machines stand the key men in the plant —the Graders. They pick up and carefully inspect **EVERY** piece, marking on each the grade and kind of wood and indicating the defects which must be eliminated. Constant vigilance at the grading table is the price of a high class, dependable, uniform grade of Flooring. The rules of the Oak Flooring Manufacturers Association are of course the uniform standard of the industry.

From the graders, the stock moves again on endless belts to the first End Matcher where at a single operation, the clear portion of each strip is cut off exactly at right angles and a tongue is worked on the end to match the tongue on the side of each board. Coming out of this machine, the boards are sped in the opposite direction to a similar machine, reversely situated, where the other end of each board is cut off square and grooved, so that it makes the same tight and perfect joint at the ends as it does on the sides.





The Flooring is now ready to sort and bundle and for this, large racks or series of bins are needed where the Flooring can be separated by size, grade and kind of wood. As soon as a bin contains enough pieces for a bundle, it is emptied and the flooring is securely bound with wire to insure its getting through to the job in first class condition. Other types of Flooring such as Plank, Square Edge and Parquetry or Block are made in much the same manner with such variations in the process as are needed for each particular type. Colonial Plank Flooring is not ripped to a uniform width, but each board is left as wide as possible; Square Edge Flooring is not end-matched, although it is squared off on each end, and Parquetry Flooring is made up of short strips of tongue and groove Flooring cut to an absolutely uniform length, end matched and formed into blocks.

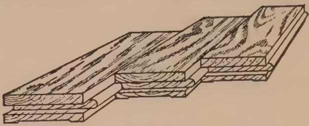
HARDWOOD FLOORING

Perfectly Manufactured • End Matched • Wire Bundled

$55 per 1000 ft. B. M. for

3/8 x 1½

SELECT PLAIN RED



$69 per 1000 ft. B. M. for

13/16 x 1½

SELECT PLAIN RED

OFFICIAL OAK FLOORING GRADING RULES

CLEAR GRADE—The face shall be practically free of defects except ⅜" of bright sap. The question of color shall not be considered. Bundles to be 2 ft. and up—not to exceed 20% under 4 ft. Average 5 ft.

SELECT GRADE—The face may contain sap and will admit pin worm holes, streaks, slight imperfections in working or a small, tight knot, not to exceed one to every 3 ft. in length. Bundles to be 2 ft. and up. Average length 4 ft.

No. 1 COMMON—Shall be of such nature as will make and lay a sound floor without cutting. Bundles to be 2 ft. and up. Average length 3 ft.

No. 1 COMMON AND BETTER SHORTS—A very popular grade, where it is known. Bundles only average 1¼ ft. long.

No. 2 COMMON—May contain defects of all characters, but will lay a serviceable floor. Bundles to be 1¼ ft. and up. Average length 2½ ft. Not recommended for residences.

ALL PRICES ARE PER 1000 FEET BOARD MEASURE—F. O. B. TENNESSEE MILL

All Widths Shown are Actual Face Measurements—Write for Prices Delivered Your Station

PLAIN SAWN OAK FLOORING [APPALACHIAN MOUNTAIN STOCK]

Finished Sizes		⅜x1½	⅜x2	½x1½	½x2	13/16x1½	13/16x2	13/16x2¼
No. 2 Common	Red & White	$38	$42	$41	$46	$43	$51	$55
No. 1 & Better Shorts	"	43	46	51	55	52	60	64
No. 1 Common	Red	47	51	65	70	60	71	76
	White	47	51	65	70	60	71	76
Select Plain	Red	55	57	70	74	69	79	83
	White	53	56	68	74	69	78	83
Clear Plain	Red	60	68	76	77	73	84	87
	White	59	69	77	79	73	84	89
For B.M. add to actual floor area		34%	25%	34%	25%	50%	38%	34%
Weight (lbs.) per 1,000 ft. B.M.		1,000	1,000	1,200	1,200	2,000	2,000	2,000

QUARTERED OAK FLOORING [APPALACHIAN MOUNTAIN STOCK]

Finished Sizes		⅜x1½	⅜x2	½x1½	½x2	13/16x1½	13/16x2	13/16x2¼
Select Quartered	Red	$64	$62	$73	$73	$71	$81	$87
	White	62	62	73	73	71	81	87
Clear Quartered	Red	77	75	90	90	78	90	95
	White	79	81	90	90	86	87	98

Genuine Tennessee Aromatic Red Cedar Closet Lining.....$67.....See page 13

SOUTHERN HARD MAPLE AND BEECH FLOORING

Finished Sizes (Use Oak Rules)	MAPLE		BEECH	
	13/16x1½	13/16x2¼	13/16x1½	13/16x2¼
No. 1 Common	$46	$66	$41	$59
Select	60	81	48	69
Clear	69	86	52	72
For B.M. add to actual floor area	50%	34%	50%	34%
Weight (lbs.) per 1,000 ft. B. M.	2,000	2,000	2,000	2,000

NORTHERN HARD MAPLE AND BEECH FLOORING

PRICES ARE **F. O. B. MICHIGAN MILL**—WRITE FOR PRICES DELIVERED YOUR STATION

Finished Sizes (Use Maple Rules)	⅜x1½	⅜x2	25/32x1½	25/32x2	25/32x2¼	25/32x3¼
Third Grade **MAPLE**			$52	$62	$70	$70
Second " "	$54	$60	64	73	85	77
First " "	68	74	77	81	89	83
3rd Grade **BEECH**					61	
2nd " "			51	54	72	
1st " "			62	65	77	
For B.M. add to actual floor area	34%	25%	50%	38%	34%	24%
Weight (lbs.) per 1,000 ft. B. M.	1,000	1,000	2,000	2,000	2,000	2,000

No. 2 FACTORY MAPLE, 25/32x2¼ only....$35

HEAVY DUTY FLOORING	33/32x2	33/32x2¼	33/32x3¼	41/32x2¼	41/32x3¼
Third Grade Maple	$55	$70	$70	$53	$55
Second " "	68	89	89	84	85
First " "	89	98	94	110	98
For B.M. add to actual floor area	72%	66%	55%	100%	86%
Weight (lbs.) per 1,000 ft. B. M.	2,200	2,250	2,400	2,600	2,700

OFFICIAL NORTHERN HARD MAPLE OR BEECH GRADING RULES

FIRST GRADE—Face to be practically free of all defects. Natural variation in color no defect. Lengths 2 to 16 ft. Not over 25% under 4 ft.

SECOND GRADE—Will admit sound, tight knots and slight imperfections in working, but must lay without waste. Length 1½ to 16 ft. Not over 40% under 4 ft.

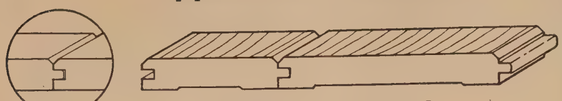
THIRD GRADE—Must be of such character as will lay and make a good serviceable floor: Lengths 1 to 16 ft. Not over 60% under 4 ft.

No. 2 FACTORY—All defects may be included that will not interfere with a sound, solid floor suitable for trucking purposes. It is an accumulation grade and is sold subject to stock.

Write for prices on square jointed or special flooring for Dance Halls, Roller Rinks and Gyms.

COLONIAL PLANK FLOORING

Appalachian Mountain Stock



SLIGHTLY "V" JOINTED

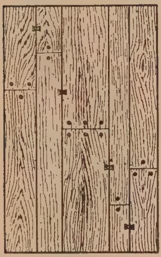
10¢ and up

Per Square Foot

All Plank Flooring is **13/16″** thick and End Matched. Furnished in Random Widths 3″ to 8″ and Random Lengths only. SELECT and BETTER is practically clear with a few scattered pin worm holes, or a small amount of discolored sap. KNARLY is for those desiring Antique or Early Colonial Effect and contains defects such as burls, knots, worm holes, and curly or irregular grain, which enhance its appearance and effect.

Note that it is **NOT** necessary to add the usual percentage for **WASTE** when buying Plank Flooring.

Prices Per Square Foot Face Measure - - - - F. O. B. Tennessee Mill



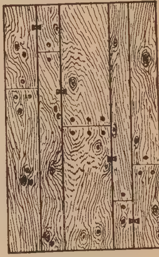
SELECT

Write for Prices Delivered Your Station

Knarly Ash	10c
Knarly White Oak	11c
Knarly Black Walnut	17c
Select and Better Ash	11c
Select and Better Red Oak	12c
Select and Better White Oak	12c
Select and Better Black Walnut	19c

Weight 3 lbs. per square foot.

Colonial Plank Flooring is best laid by nailing in the regular way with Cement Coated Nails and then by screwing at the ends. Plugs and Butterflies are optional, depending on the effect desired—100 Plugs and 50 Butterflies required per 100 square feet.



KNARLY

FLAT GRAIN PLUGS per 100—Diameter—

Minimum order 200 Plugs

	½″	⅝″	¾″
43-R Oak	$0.85	$0.90	$1.05
43-S Walnut or Mahogany	.90	1.15	1.35
43-T Ebonized Wood	1.70	1.85	2.10

BUTTERFLY KEYS—per 100

Any quantity—No Minimum

43-U Oak	$6.75
43-V Walnut or Mahogany	6.75
43-W Ebonized Wood	9.50

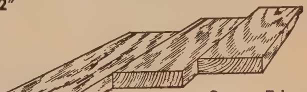
Plugs and Butterflies always shipped separately by Parcel Post Prepaid.

SQUARE EDGE OAK FLOORING

WIDELY USED BY PROFESSIONAL FLOOR LAYERS — SQUARE EDGES AND ENDS

Prices per 1,000 feet **SURFACE** or **FACE** Measure. F. O. B. Tennessee Mill.
Note that it is **NOT** necessary to add for **WASTE**. Weight 1,200 lbs. per 1,000 feet.

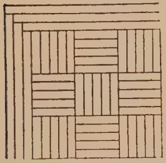
Grades	Finished Sizes	5/16x1″	5/16x1½″	5/16x2″
No. 1 Common	Red	$46	$52	$63
	White	46	52	63
Select Plain	Red	52	58	73
	White	52	58	73
Clear Plain	Red	60	66	76
	White	60	66	78



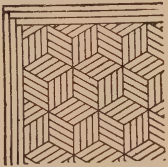
Square Edge

BLOCK or PARQUETRY FLOORING

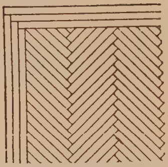
For FACTORY FINISHED Parquetry Flooring, see next page.



PARQUETRY SQUARES
(P.S.) No. 44



DIAMOND BLOCKS
(D.B.) No. 45



FRENCH HERRINGBONE
(F.H.) No. 46

The various designs are made up as shown in table below. All strips 5/16″ thick have square edges and heavy paper glued to bottom to hold in permanent position. All strips 13/16″ thick are tongued and grooved and end matched. The thicker floor is preferred by many as it is more substantial and can be secret nailed. Borders are formed by three strips of same material as used in balance of floor.

PRICES PER SQUARE FOOT SURFACE OR FACE MEASURE—F. O. B. TENNESSEE MILL

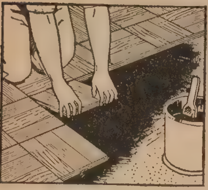
Note that it is **NOT** necessary to add for **WASTE**

No.	Design	Size	No. Strips	Size Strips	Wt. (Lbs.) Per 100 Ft.	KNARLY Red or White Oak	Select Plain Red or White Oak	Select Hard Maple	Select Black Walnut
44-A	P.S.	8x8″	4	5/16x2″	120	8c	10c	12c	17c
44-B	“	10x10″	5	“	“				
44-C	“	12x12″	6	“	“				
44-D	“	9x9″	4	13/16x2¼″	260	10c	13c	17c	19c
44-E	“	11¼x11¼″	5	“	“				
44-F	“	13½x13½″	6	“	“				
44-G	“	18x18″	8	“	“				
45-A	D.B.	9x10½″	6	5/16x1½″	120	10c	11c	14c	18c
45-B	“	8x9¼″	4	5/16x2″	“				
45-C	“	9x10½″	4	13/16x2¼″	260	14c	17c	20c	29c
46-A	F.H.	(Strips 11¼″ long)		13/16x2¼″	260	13c	16c	17c	19c
46-B	“	(“ 13½″ “)		“	“				
46-C	“	(“ 18″ “)		“	“				

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

FACTORY FINISHED FLOORING

Ready to Use As Soon As Laid



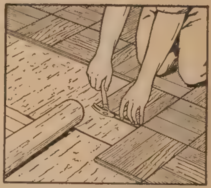
Setting in Mastic over Concrete

PARQUETRY BLOCKS

In White or Red Oak, Maple, Beech or Walnut

FACTORY 22c UP FINISHED

Square Foot



Nailing over Wood Sub-Floor

BLOCKS are made up of regular tongued and grooved, end-matched flooring so that each block has a continuous tongue along one side and end, and a continuous groove along the other side and end.

METAL SPLINES clamp each block together on the back and prevent the block from cupping and the joints between the strips from coming apart. The edges of each block are slightly bevelled to accentuate the block effect and to make any small crack that may occur between the blocks unnoticeable.

FINISH is completed at the factory with special equipment under ideal conditions. After being sanded, the blocks are treated with a penetrating seal and are then waxed and polished. This gives a lustrous lasting surface that will not crack or peel and the blocks will not absorb moisture when brought on the job.

Choice of 3 Shades — see actual colors page 171

Natural **Light**, Warm **Medium** Brown or Rich **Dark** Brown can be furnished at the same price. The shades can be mixed for extremely interesting effects. Unless otherwise specified, however, we always furnish Oak in **Warm Medium Brown** and Beech or Maple in **Natural Light Finish.** Blocks are furnished hollow-backed for nailing to wood sub-floor unless flat-backed Blocks for laying over concrete in Mastic are wanted and order specifies "Mastic Blocks."

No.	Block Size	Thickness	Made up of
47	8x8"	1/2"	5 Strips 2" wide
48	9x9"	13/16"	4 " 2¼" "

PRICES PER FACE OR SURFACE FOOT — COMPLETELY FINISHED

Note that it is **NOT** necessary to add for **WASTE** when laying Parquetry Flooring.
Grades same as shown for Unfinished Flooring on page 32. Carefully Carton Packed.

OAK		No. 47	No. 48
Knarly	Red or White	22c	24c
No. 1 Common	Red or White	23c	25c
Select Plain	Red or White	24c	26c
Clear Plain	Red	26c	27c
	White	27c	29c
Select Quartered	Red		27c
	White		30c
Clear Quartered	Red	32c	34c
	White	35c	39c

BEECH	No. 48
Third Grade	23c
Second "	25c
First "	26c
MAPLE	
Third Grade	26c
Second "	28c
First "	30c
BLACK WALNUT	
First Grade	39c

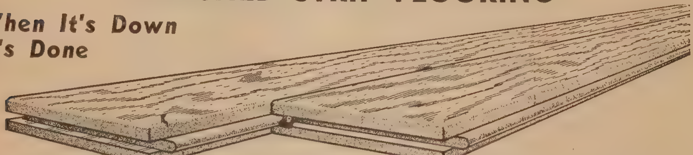
Weight of Finished Parquetry Flooring: ½" thick—2 lbs. per foot; 13/16" thick—2¾ lbs. per foot.

MASTIC FOR INSTALLING FLOORING OVER CONCRETE

No. **48-X** for use Cold or No. **48-Z** for use Hot. One gallon covers 20 sq. ft. Weight 8 lbs. gal. Either kind same price—cold Mastic (strongly recommended) shipped unless otherwise specified.
In **55** gal. drums—**50c** per gal. In **5** gal. cans—**54c** per gal.

FINISHED STRIP FLOORING

When It's Down It's Done



Now available in 3 thicknesses and widths { ⅜x2" ½x2½" 13/16x3¼"

MADE just exactly the same as regular Hardwood Flooring from Appalachian Mountain Oak that has been properly seasoned and carefully Kiln Dried. Tongued and grooved, hollow-backed, end matched and slightly bevelled at edges to give the appearance of Plank Flooring.

FINISHED on a production line by automatic machinery. Each piece of flooring is sanded, filled and then given a penetrating, wear-resisting seal type finish which will not scratch, powder or chip like an ordinary surface finish will. When dry, the surface is waxed and polished. The pieces are then bundled with the ends carton packed for protection enroute.

INSTALL it just the same as you would regular unfinished flooring except that "when it's down it's done". The finished surface is not marred by installation as each piece is secret-nailed on the edge just above the tongue. The nail head is thus concealed by the next piece laid. Only the last piece in each room need be face nailed.

COLOR is a **Warm Medium Brown** for Oak and **Natural Light Finish** for Maple or Beech.
STANDARD GRADE—70% No. 1 Common—30% No. 2 Common
PRIME GRADE —50% Clear —50% Select

No. 49 — Prices Per Foot Board Measure — Completely Finished

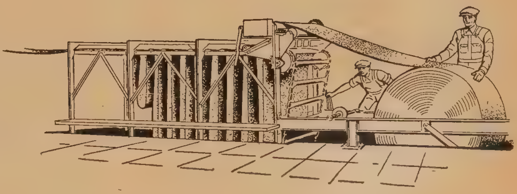
Wood	Grade	⅜x2	½x2½	13/16x3¼
Red or White Oak	Standard	**12**c	**12**c	**13**c
	Prime	**13**c	**13**c	**14**c
Southern Hard Maple	Standard			**14**c
	Prime			**15**c
Southern Hard Beech	Standard		**12**c	**13**c
	Prime		**13**c	**14**c
For B.M. add to actual floor area		25%	20%	24%
Weight (lbs.) per 1,000 ft. B.M.		1000	1500	2250

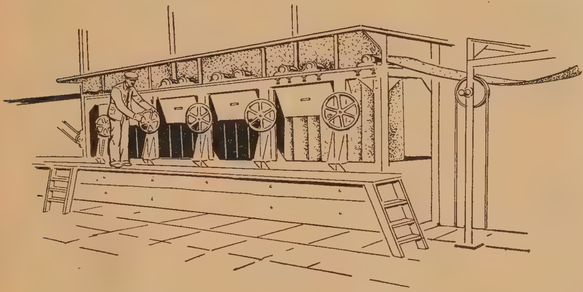
MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

Asphalt Roofing

The manufacture of Asphalt Roofing is a continuous process that must be carried on under constant laboratory supervision. Commercial standards established by the Industry, permit little variation and make for public assurance and acceptance of the finished products by the Fire Underwriters' Laboratories. The base of all non-rigid roofing material is Felt, which was originally selected because of its strength, due to the interlacing of the fibres, and to its tremendous ability to absorb and hold the Asphalt without allowing it to revert to its original form.

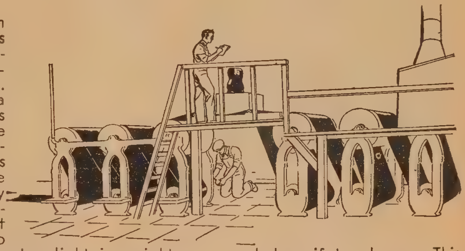
Huge rolls of Felt, the width of the finished roofing, start through the Roofing Machine at a very slow speed and travel over a series of rollers that dip the Felt into the first emulsion of Asphalt which is heated to a liquid state. Each time the Felt moves down into the tank and then up through a pair of rollers, a very thin film of the asphalt is pressed-in until the Felt is saturated.

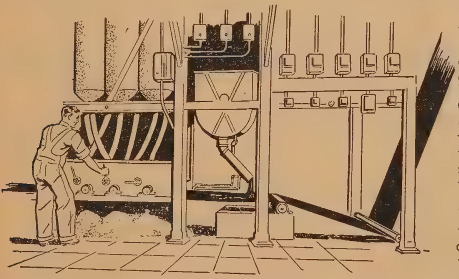




The Felt next passes to a similar operation where a thicker solution of Asphalt is applied in much the same way and where the pressure rolls through which the Felt passes are controlled to insure sufficient impregnation and the building of the proper "body" to the Roofing.

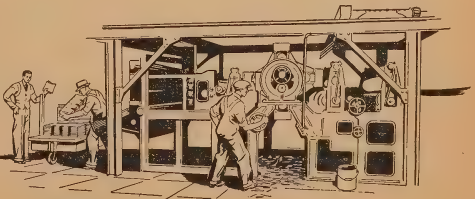
The continuous strip next goes on through an oven where heat is applied to melt-out or smooth-over any irregularities in the saturating and coating process. Thence the Roofing passes over a series of large smooth rollers which "iron-out" and stretch the material to give it the final surface treatment. The strip passes through an electric pressure scale which records the weight of every foot as it moves along and automatic signals are provided so that the speed of travel of the strip can be decreased if it is getting too light in weight, or speeded-up if too heavy. This insures a uniform product and it will be found that finished rolls of Roofing or bundles of shingles vary but a fraction of a pound in weight.





The Asphalt-Felt next passes through the surface coating process which consists of spreading on another layer of hot Asphalt to act as a binder and then covering the surface with Ceramic Granules of pure Quartz which give it what is commonly referred to as a Slate Surface. Tanks of the various colors of Granules are so arranged above the strip that the colors can be mixed and blended to secure extremely pleasing effects and again the continuous strip passes through pairs of steel rollers which gently force the Ceramic Granules into the body of the Roofing where they are retained. Mica and Talc surfaced Roofing is made by substituting Mica Flakes or Talc Dust for the Ceramic Granules and the manufacture of Roll Roofing stops at this point when the continuous strip is wound into individual rolls covering 100 square feet, which are wrapped and labeled.

In the manufacture of Shingles, the continuous strip passes on through the cutting machine where the various shingle designs are cut out by rotary die cutters and the Shingles are then packaged and wire bound in standard size bundles ready for shipment. Separate or Individual Shingles have given way to strips of three or four which can be handled and applied in much less time per square.

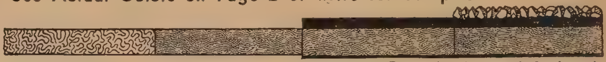


Richtone ROLL ROOFING

Trade Mark Reg. U. S. Patent Office

MINERAL SURFACED — DURABLE CERAMIC COLORS

See Actual Colors on Page 2 or write for Samples



All Prices and Weights are PER ROLL covering 100 square feet
Packed with Lap Cement and 7/8" Nails for New Roofs.

LIGHT **Spruce Green, Wine Red or Dead Black**
No. **50**—36" Wide, Weight **75** lbs. . . . . **$165 per roll**

HEAVY Bears Underwriters' Class C Label.
Spruce Green, Wine Red or Dead Black
No. **51**—36" wide. Weight **90** lbs. . . . . **$175 per roll**

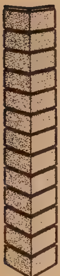
SLATE SURFACED STARTING AND VALLEY STRIPS

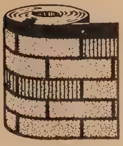
(No Nails or Lap Cement furnished with these Strips)

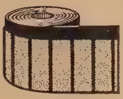
No. **51-A**— 9"x36'. . .Weight 22 lbs. Per roll. 49
No. **51-B** —18"x36'. . . " 44 " " " 99

BRICK ROLL SIDING

For Economical Modernization







Has the appearance of Wire Cut Face Brick.
Cheaper than Paint and serves as Insulation.

Colors RED or BUFF, both with Black Lines

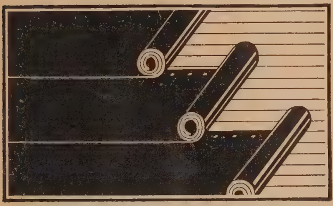
Same as Brick-Effect Siding—see page 2.
Red shipped unless otherwise specified.
2 rolls 16" wide x 41' long to the square.
Each roll has 1¼" selvage edge.
No. **53-A**—Weight **110** lbs. per square. . . . . . **$285 Square**

SOLDIER COURSE—Red or Buff

In rolls 9⅞" wide x 36' long.
Each roll has 1¼" selvage edge.
No. **53-B**—Weight **30** lbs. per roll. **71c**

CORNER SECTIONS—Red or Buff

In strips 3½x3½x35¼".
20 strips to the carton.
No. **53-C**—Weight **50** lbs. per carton. . . . . **$475 Carton**



Sharkskin

Trade Mark Registered United States Patent Office

Smooth Surfaced Roll Roofing

All packed with Lap Cement and 7/8" Nails for new roofs; 1¾" Nails for old roofs furnished when specified at **10c** per roll extra. Usually laid with 4" headlap—nailed at top—cemented at bottom.

TALC SURFACED

For TEMPORARY Work
At Unbelievably Low Prices

LIGHT
No. **54-A**
Weight 35 lbs. per roll. . **80c**

MEDIUM
No. **54-B**
Weight 45 lbs. per roll. . **94c**

HEAVY
No. **54-C**
Weight 55 lbs. . . . . . . **$108 Per roll**

MICA SURFACED

For PERMANENT Work
Bears Underwriters' Class C Label

HEAVY
No. **56-C**
Weight 55 lbs. . . . . **$131 Per roll**

EXTRA HEAVY
No. **56-D**
Weight 65 lbs. . . . . . . **$149 Per roll**

HEAVIEST
No. **56-E**
Weight 75 lbs. . . . . . . **$166 Per roll**

ASPHALT

About **25** lbs. of Asphalt are required per mopping per square.
In **100** lb. cartons
No. **58-K**
Per 100 lbs. . . . . **$135 Carton**

SLATERS FELT

Should be used under all Strip Shingles, particularly over old Roofing. Costs very little.
No. **59**. . **500** sq. ft. . . Wt. **25** lbs. . . Per roll **88c**

BUILT-UP ROOF MATERIAL

SATURATED FELT

No.	Weights Per 100 Sq. Ft.	Weights Per Roll	Sq. Ft. Per Roll	Prices Per Roll
58-C	15 lbs.	65 lbs.	432	$1.63
58-E	30 "	65 "	216	1.63

15 YEAR ROOF

Can be gravel covered if desired
2 layers of **15** lb. Saturated Felt and **1** of 30 lb.
4 Moppings of Asphalt
Wt. **165** lbs. per square.
PRICE PER SQUARE. . . . . **$298 Square**

DEADENING FELT

Used under hardwood floors and linoleum.

No.	Width	Sq. Ft.	Wt. lbs.	Per Roll
59-C	36	500	38	$1.69
59-D	"	"	50	2.25
59-E	"	"	75	3.37

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

Richtone ASPHALT SHINGLES

Trade Mark Reg. U. S. Patent Office

MINERAL SURFACED—DURABLE CERAMIC COLORS

See Actual Colors on Page 2 or Write for Samples

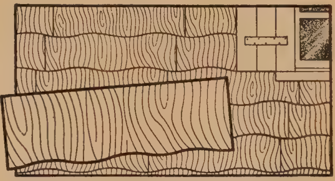
All Shingles Bear Underwriters' Class C Label

Prices, Weights and Number of Bundles are PER SQUARE Covering 100 Square Feet

WOOD GRAINED SIDING

For re-siding old houses. Costs little more than Paint. Looks just like Wavy Edge Asbestos Siding. Asphalt backing strips for joints and galvanized nails for exposed nailing included. Color: Pearl Gray (only). Packed **2** bundles of **25** strips each **32x10"** to the square. Weight **110** lbs. No. **60**

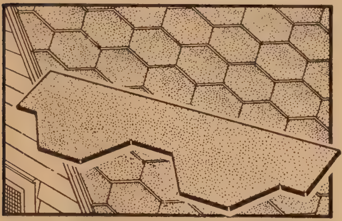
Price Only $3.05 Per Square



60

HEXAGON STRIP SHINGLES

As Low As $3.35 Per Square



61

STANDARD 2 TAB

Packed **2** bundles of **43** strips each **11 1/3x36"** to the square. Weight **167** lbs.

No. 61 Prices per **Square**

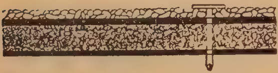
Spruce Green, Wine Red or Dead Black	$3.35
Blue Blend, Green Blend or Red Blend	3.75
Dutch Blue	4.25

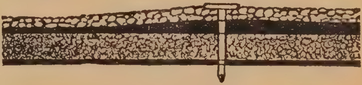
THICK BUTT STRIP SHINGLES

Section thru an ordinary Mineral Surfaced Asphalt Shingle such as the Hexagon Strip above.

Section thru our **Thick Butt** Shingle. Notice the extra layers of Ceramic Granules on top of exposed portion.

EXPOSED PORTIONS ARE *EXTRA* THICK ↓





The Best Buy in Asphalt Roofing

Thick Butt Strips* meet F.H.A. *requirements.

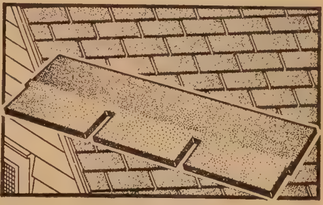
STANDARD 3-in-1 Double Coverage

As Low As $4.45 Per Square

Packed **3** bundles of **27** strips each **12x36"** to the square..........Weight **210** lbs.

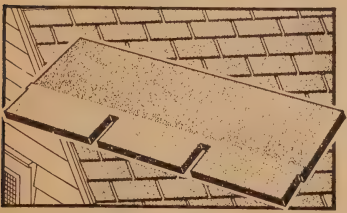
No. 64 Prices per **Square**

Spruce Green, Wine Red or Dead Black	$4.45
Brown Blend, Blue Blend, Slate Blend, Green Blend or Red Blend	4.75
Dutch Blue	5.25



64-Thick Butt

As Low As $5.45 Per Square



65-Thick Butt

TRIPLE COVERAGE 3-in-1

Packed **3** bundles of **27** strips each **15x36"** to the square..........Weight **255** lbs.

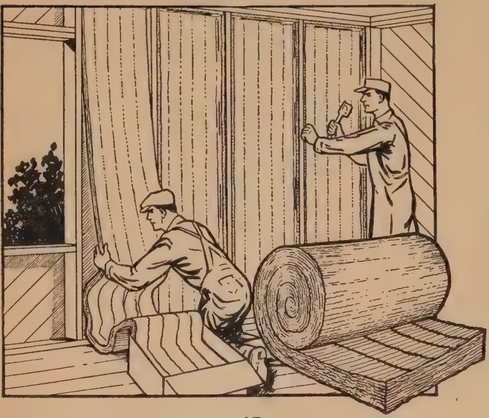
No. 65 Prices per **Square**

Spruce Green, Green Blend, Slate Blend, Brown Blend, Blue Blend, Red Blend or Dead Black	$5.45
Dutch Blue	5.90

For 12" Copper Flashing for Ridges and Valleys see center of page 50

BLANKET FIBRE INSULATION

IT STRETCHES



67

Made of Spruce and Hemlock fibres fortified with Asphalt and chemically treated so that it is fire resistant, verminproof and so impervious to moisture that it will float on water indefinitely. 32 layers of tissue thin sheets are compressed, accordion fashion, into a Blanket and held together by four strong rows of Asphalt treated stitching which run the entire length of the Blanket, holding the insulation permanently in place and keeping it from sagging or packing down.

FAST AND EASY TO USE

The Blanket is simply fastened at one end, then stretched out to three times its compressed length and fastened along each side with cleats. It can be cut with a saw, knife or shears and there is **no waste** as odd cuttings are tucked in around door and window frames to stop leaks. It is as **flexible** as the blanket on your bed and can be pulled around corners and tucked-in behind pipes. It is extremely **light** in weight and does not dust or splinter. It is equally satisfactory for installation over sidewall, roof, ceiling or floor areas.

STOPS HEAT AND SOUND

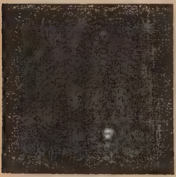
As insulation against heat and cold, the Blanket when stretched, has a **K factor** of .27 thus placing it in the front rank of good insulators. Due to its flexibility, however, and the way it can be tucked into every crack and corner, Blanket Fibre Insulation is outstanding as a **sound deadener.** For this purpose it should be woven over and under alternate floor joists or around opposite sides of every other stud. Installation instructions are included in every carton and so are sufficient Asphalt impregnated Cleats to hold the Blanket in place.

No. 67 BLANKET FIBRE INSULATION
Packed in cartons to cover 125 square feet
16" wide, 1" thick, 38' long (stretches to 94')
Weight only 20 lbs. per Carton. **Price**.................... **$3 95** **Carton**

Sharkskin BUILDING PAPERS

Trade Mark Registered U. S. Patent Office

For the Ounce of Prevention



68-B

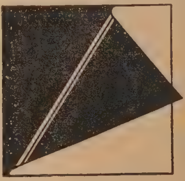
BLACK ASPHALT SATURATED SHEATHING

A strong tough pulp paper base saturated with hot Asphalt and rolled smooth. So cheap it can be used liberally for permanent and temporary protection.
36" wide in rolls of 500 square feet.
No. **68-B.** Weight per roll **25** lbs.......... **95c** **Roll**

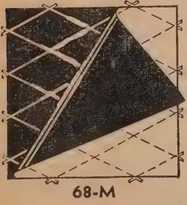
2 PLY OR DUPLEX SHEATHING PAPER

Made up of **2** sheets of **30** lb. basis Kraft paper cemented together with hot Asphalt. Forms an excellent vapor barrier and is tough and hard to tear. Water-proof.

36" wide in rolls of **500** square feet.
No. **68-L.** Weight per roll **20** lbs........... **$1 60** **Roll**



68-L



68-M

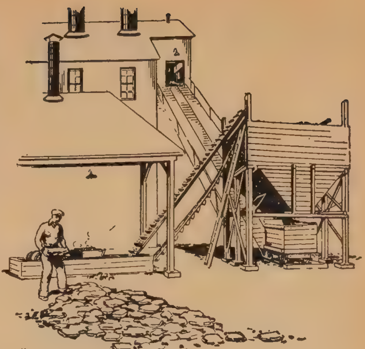
DIAGONAL MESH SHEATHING PAPER

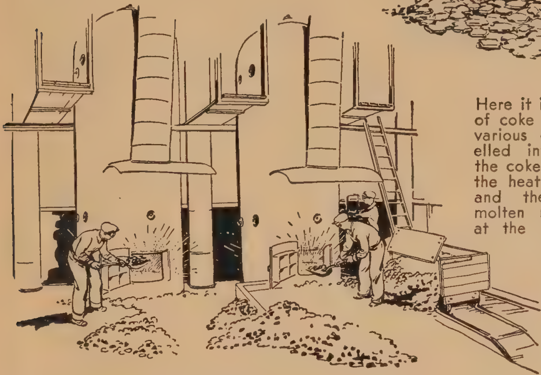
The same as Duplex Sheathing above but with Jute Cords stretched diagonally between the two layers before they are cemented together. Cords are spaced about 2" apart in both directions forming a sheathing which will not tear away from the nails.
36" wide in rolls of **500** square feet.
No. **68-M.** Weight per roll **25** lbs......... **$2 40** **Roll**

Rock Wool

Insulation very aptly illustrates how an entire new industry can come into being as a result of technological research. The demand for a way to stop excessive heat loss, to sound-proof and to provide buildings which could be air-conditioned, led directly to the manufacture of a fluffy white substance from Limestone, which has become known as Rock Wool.

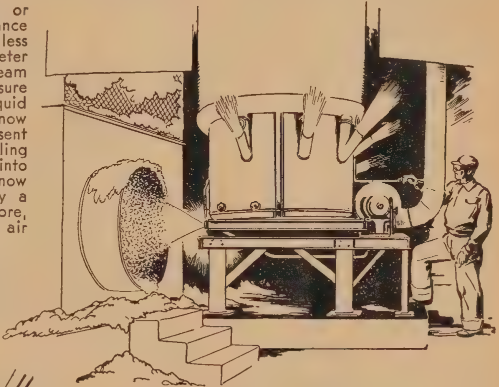
From the quarry, the stone is hauled to the crusher, where it is broken up into egg size pieces and, by endless bucket conveyors and inclines, the crushed rock is taken to the top level of the cupolas or burners.

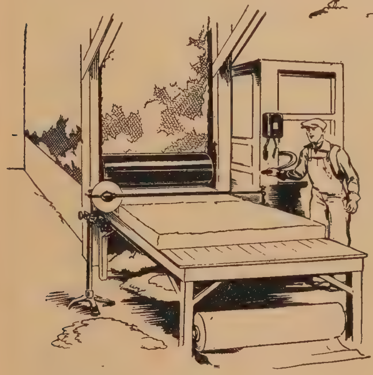




Here it is mixed with even parts of coke and small quantities of various chemicals and is shovelled into huge retorts where the coke is gradually ignited by the heat of the layers below it and the whole becomes a molten mass. The temperature at the bottom is about 2,600 degrees Fahrenheit and the process is of course continuous, being shut down only once a year for reconditioning and repairs.

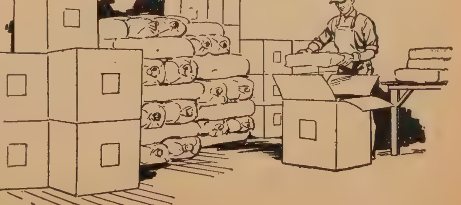
At the base of the cupola or retort, the molten substance flows out in a small stream less than a half-inch in diameter and this is hit by a jet of steam at over 125 pounds pressure which converts the molten liquid into a veritable blizzard or snow storm. The white flakes are sent flying into a large cooling chamber where they settle into what appears to be a huge snow drift but which is in reality a fire-proof, porous mass of fibre, containing millions of dead air cells in every cubic inch. A small stream of paraffin flows into the steam jet at the same moment it hits the molten limestone, and thus the Rock Wool is all uniformly waterproofed.





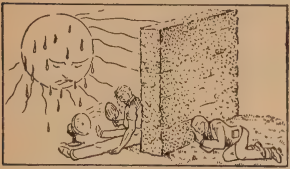
From the base of the cooling chamber the Rock Wool is carried out on an endless belt through steel rollers where it is brought to a uniform thickness and density. It is then either packed into bags as Loose Rock Wool or cut into strips of the desired size and the strips are either rolled or again cut up into Batts. These are furnished either with or without heavy waterproof paper backing. This latter feature is recommended for many installations, as the paper projects over the edges of the Batt to form a nailing flange and, of course, the extra layer of Asphalt impregnated paper forms an additional moisture and wind stop. These are subjected to a stiffening treatment to facilitate handling on the job.

Granulated Rock Wool is processed into small pellets so that it can be poured right out of the bag, which makes it most popular for insulating between floor joists and over ceiling joists in open attics. The various products are all packaged for shipment, some being put in heavy corrugated board cartons, others in double walled paper bags. All Rock Wool is carefully graded as it is packed and frequent inspections are made to be sure that a uniform density and weight is maintained.



ROCK WOOL INSULATION

It's Never Too Late to Insulate



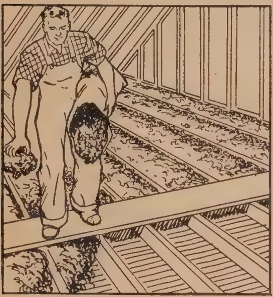
4 INCHES OF ROCK WOOL RESISTS AS MUCH HEAT AS

16″ of Yellow Pine Lumber
35″ of Gypsum Plaster
70″ of Solid Brickwork
120″ of Concrete

Rock Wool is impervious to HEAT, COLD and SOUND. It is FIRE-PROOF and VERMIN-PROOF, odorless and light in weight. It is not affected by ordinary gases or acids and does not deteriorate. Ours is WATERPROOF.

In summer, Rock Wool makes a house 8 to 15 degrees cooler. In winter, it saves 20% to 40% in fuel bills, thus quickly paying for itself. Its scientific rating (the K coefficient) is .26 B. T. U. per inch.

ROCK WOOL is the nearest practical approach to PERFECT BUILDING INSULATION



LOOSE Rock Wool

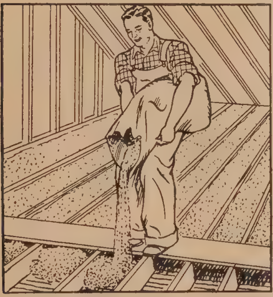
No. 70 (Water-proofed)

Loose Rock Wool is the basic long fibre as originally produced. It is suitable for any purpose where insulation can be packed by hand between ceiling joists or side wall studding. For maximum results it is recommended that Rock Wool be applied full thickness of side wall studding and approximately 4 inches thick over ceiling areas. This loose fibre should be distributed as uniformly as possible over all areas and packed (no excessive pressure required) to a density of 8 lbs. per cubic foot which is sufficient to eliminate any settling that might occur from severe vibration.

49c per **35-lb.** double-walled paper bag.

$28.00 per TON

COVERAGE TABLE*	1″ thick	2″ thick	3″ thick	3⅝″ thick	4″ thick
A 35-lb. Bag covers about..	60 sq. ft.	30 sq. ft.	20 sq. ft.	17 sq. ft.	15 sq. ft.
Cost per square foot about..	4/5c	1⅔c	2½c	3c	3⅓c



GRANULATED Rock Wool

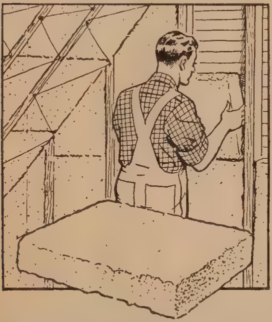
No. 71 (Water-proofed)

Rock Wool is processed into various forms for convenience of installation. All forms of our Rock Wool have substantially the same insulating value when properly applied. In this form the basic Rock Wool is processed into small ¼″ pellets or granules—with all foreign particles removed—so that it can be **poured** between ceiling joists in unfloored attics or into the void spaces between studding where accessible in new or old construction. It is excellent between floors as a sound deadener. It should be packed (not tamped) to a density of about 9 lbs. per cubic foot.

65c per **35-lb.** double-walled paper bag.

$37.00 per TON

COVERAGE TABLE*	1″ thick	2″ thick	3″ thick	3⅝″ thick	4″ thick
A 35-lb. Bag covers about..	50 sq. ft.	25 sq. ft.	17 sq. ft.	14 sq. ft.	13 sq. ft.
Cost per square foot about..	1⅓c	2⅔c	4c	4⅔c	5c



ROCK WOOL BATTS

These are made with a Resin Binder so as to be semi-rigid and are simply laid in between studs, joists or rafters—set either 16″ or 24″ on center—and are slightly oversized so as to fit snugly with slight compression. On sloping areas Batts are best held in place by "lacing" across the rafters with stove wire. Batts can be readily cut to fit special spaces. They are compressed for shipping and when removed from the container should be "fluffed-out" to their original thickness. **Our Batts are water-proofed.** Weights shown are approximate.

No. **72-A**	No. **72-B**	No. **72-C**
12 Batts	**7** Batts	**20** Batts
15″x23″x2″	15″x23″x3⅝″	15″x9″x3⅝″
28¾ act. sq. ft.	16⅞ act. sq. ft.	18¾ act. sq. ft.
Wt. **30** lbs.	Wt. **25** lbs.	Wt. **27** lbs.
PER CARTON	PER CARTON	PER CARTON
81c	**67c**	**69c**

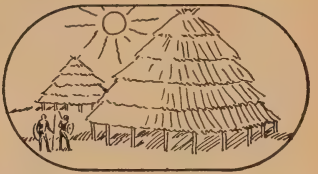
COVERAGE TABLE*	No. 72-A—2″ thick	No. 72-B—3⅝″ thick	No. 72-C—3⅝″ thick
1 carton covers about..	31 sq. ft.	18 sq. ft.	20 sq. ft.
Cost per square foot...	2⅔c	3¾c	3½c

*NOTE—All above coverage figures include allowances for the thickness of studs, rafters or joists. Tables for Nos. **70** and **71** are based upon densities recommended above and will vary if the Rock Wool is packed tighter.

ROCK WOOL INSULATION

Every Home – *Old* or *New* – Should Be Insulated

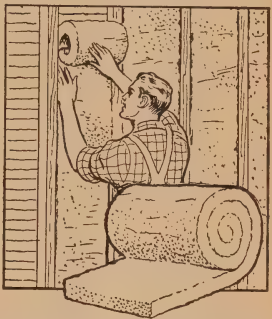
The Eskimo constructs his winter dwelling of snow blocks and heats it solely with seal-oil lamps. Snow is an excellent insulator, containing a large number of entrained air cells.



The Tropical Native keeps cool in a hut thatched with sea-grass. The hollow fibre of this grass which is a natural insulator, protects him from the intense heat of the burning sun.

ROCK WOOL is in wider use than any other type of BUILDING INSULATION

ROLL ROCK WOOL

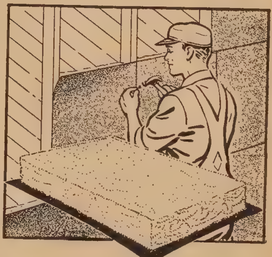


This is the basic fibre or Loose Rock Wool merely laid between pieces of paper and rolled much the same as Cotton Batting. The rolls are 15″ wide so that they fit neatly between studs or joists set 16″ on center. To apply to sidewalls, start at the floor level and unroll upward between the studs with one hand using the other hand to push the Rock Wool gently in between the studs—after which it holds its own weight without any trouble. Weights shown are approximate. **Our Roll Rock Wool is water-proofed.**

No. **73**	No. **73-A**	No. **73-B**
2 Rolls each	**2** Rolls each	**3** Rolls each
1″x15″x20′	2″x15″x10′	3⅝″x15″x6′
50 act. sq. ft.	25 act. sq. ft.	22½ act. sq. ft.
Wt. **30** lbs.	Wt. **30** lbs.	Wt. **45** lbs.
PER CARTON	PER CARTON	PER CARTON
90c	**60c**	**76c**

COVERAGE TABLE*	**No. 73—1″ thick**	**No. 73-A—2″ thick**	**No. 73-B—3⅝″ thick**
1 carton covers about. .	55 sq. ft.	28 sq. ft.	25 sq. ft.
Cost per square foot. . .	**1⅔c**	**2-1/7c**	**3c**

ROCK WOOL BATTS — *PAPER BACKED*

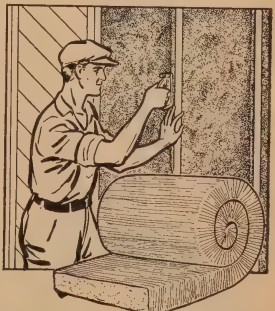


Especially designed for open attics where the insulation will remain exposed. A strong waterproof paper (impregnated with asphalt) is cemented to one side of each batt and the edges of the paper are left projecting 1½″ on **each** side to serve as nailing flanges and to **overlap** at the joints. If the Batts are not to be left exposed, the paper side can be placed next to the outside sheathing to keep out moisture and dampness. If the Batts are left exposed the paper side (turned inside) conceals the Rock Wool and eliminates the use of Wallboard, etc. **Our Batts are water-proofed.**

No. **74-A**	No. **74-B**	No. **74-C**
12 Batts	**8** Batts	**5** Batts
15″x23″x2″	15″x23″x3″	15″x48″x3″
28¾ act. sq. ft.	19⅙ act. sq. ft.	25 act. sq. ft.
Wt. **30** lbs.	Wt. **30** lbs.	Wt. **40** lbs.
PER CARTON	PER CARTON	PER CARTON
81c	**76c**	**99c**

COVERAGE TABLE*	**No. 74-A—2″ thick**	**No. 74-B—3″ thick**	**No. 74-C—3″ thick**
1 carton covers about. .	31 sq. ft.	21 sq. ft.	28 sq. ft.
Cost per square foot. . .	**2⅔c**	**3½c**	**3¾c**

ROCK WOOL BLANKETS



This Roll Rock Wool is made with a resin binder and is totally enclosed in heavy kraft paper, one side of which has been saturated with asphalt and waxed to form a **vapor barrier.** Nailing flanges 1¼″ long at 2 opposite edges make installation fast, easy and permanent. Blankets can be cut to required length and then lifted into position on sidewall or ceiling areas, the nailing flanges being tacked or stapled to studs or joists set 16″ on center. Blankets make a "clean looking" job and can be left exposed. **Our Rock Wool Blankets** are waterproofed.

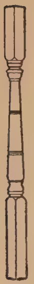
No. **75-A**	No. **75-B**	No. **75-C**
1″x15″x103′-6″	**2″**x15″x62′	**3″**x15″x41′-4″
125 act. sq. ft.	75 act. sq. ft.	50 act. sq. ft.
Wt. **80** lbs.	Wt. **70** lbs.	Wt. **60** lbs.
PER CARTON	PER CARTON	PER CARTON
$3.05	**$2.10**	**$1.96**

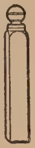
COVERAGE TABLE*	**No. 75-A—1″ thick**	**No. 75-B—2″ thick**	**No. 75-C—3″ thick**
1 carton covers about. .	138 sq. ft.	82 sq. ft.	55 sq. ft.
Cost per square foot. .	**2-1/5c**	**2½c**	**3-3/5c**

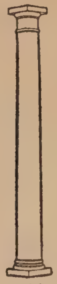
*NOTE—All above coverage figures include allowances for the thickness of studs, rafters or joists.

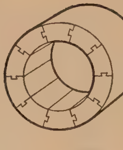
STOCK COLUMNS AND NEWELS

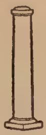
Clear Old Growth Douglas Fir

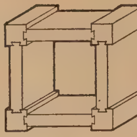

77

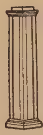

78

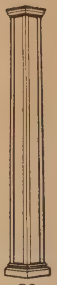

80




81




82


83

All of our Columns and Newels (except Solid Bored or K. D.) are made with **DOVETAILED JOINTS** which are bound to hold tight every inch of the way.

PRICES PER COLUMN OR NEWEL

SOLID BORED

No Caps or Bases

No.	Kind	Size	Price
77	Column	4″x8′	$1.50
77	“	4″x9′	1.63
77	“	5″x8′	2.25
77	“	5″x9′	2.56
77	“	6″x8′	3.25
78	Newel	4″x4′	.81
78	“	5″x4′	1.19
78	“	6″x4′	1.69

Weights Per Lin. Ft.	
4″ Diam.	3 lbs.
5″ “	4 “
6″ “	5 “
8″ “	6 “
10″ “	8 “
12″ “	10 “

ROUND COLONIAL

Caps and Bases Included

No.	Kind	Size	Price
80	Column	6″x6′	$2.75
80	“	8′	3.25
80	“	9′	3.75
80	“	8″x6′	3.75
80	“	8′	4.19
80	“	9′	5.00
80	“	10′	5.25
80	“	10″x6′	4.69
80	“	8′	5.63
80	“	9′	6.38
80	“	10′	6.94
80	“	12″x6′	6.31
80	“	8′	7.69
80	“	9′	8.38
80	“	10′	8.96
81	Newel	6″x4′	1.88
81	“	8″x4′	2.56

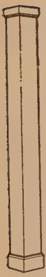
SQUARE TAPERED

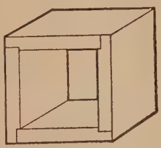
Caps and Bases Included

No.	Kind	Size	Price
83	Column	6″x6′	$2.50
83	“	8′	3.25
83	“	9′	3.59
83	“	8″x6′	3.75
83	“	8′	4.59
83	“	9′	5.06
83	“	10′	5.93
83	“	10″x6′	4.69
83	“	8′	5.79
83	“	9′	6.43
83	“	10′	6.95
83	“	12″x6′	5.75
83	“	8′	6.88
83	“	9′	7.55
83	“	10′	8.18
82	Newel	6″x4′	1.88
82	“	8″x4′	2.56

PLAIN SQUARE COLUMNS – NOT TAPERED

Ideal For Porch Enclosures – Easily Shortened




Section No. 84

No. 84 — K. D.

Completely Machined

Size	Price
6″x 8′	$1.94
10′	2.36
8″x 8′	2.50
10′	3.08

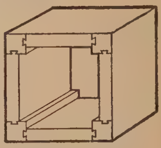
Cap and Base Members Mitred

No. 85 — Set up

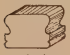
With Dovetailed Joints

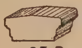
Size	Price
6″x8′	$3.14
9′	3.44
8″x8′	4.29
9′	4.66

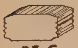
Caps and Bases Included

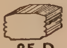

Section No. 85

PORCH RAILS – FIR – PORCH BALUSTERS


85-A


85-B


85-C


85-D

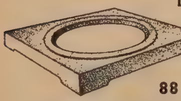
No.	Kind	Sizes	Prices Per Lineal Ft.
85-A	Top	3 x2¼″	7c
85-B	“	3¾x1¾″	7c
85-C	Bottom	3½x1¾″	7c
85-D	“	2¾x1¾″	6c

Porch Balusters in long lengths, see bottom of page 44.

No.	Kind	Sizes	Prices Each
87-A	Square	1⅛x1⅛x24″	3c
87-B	“	1⅜x1⅜x24″	4c
87-C	“	1⅝x1⅝x24″	5c
87-D	Turned	1¾x1¾x20″	10c
87-E	“	1¾x1¾x24″	11c

CAST IRON COLUMN BASES

Double the life of Porch Columns by keeping them up out of standing water


88

No.	Size	Column Size	Weight	Price Each
88-A	8x 8x2⅛″	6″	9 lbs.	$1.07
88-B	10x10x2⅛″	8″	16 “	1.80
88-C	12x12x2⅛″	10″	22 “	2.64
88-D	14x14x2½″	12″	29 “	3.50

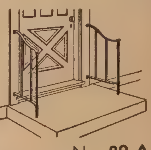
LOW COST IRON PORCH RAILS

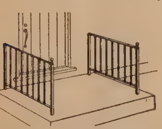
For Safety and Ornamentation

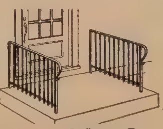
Wrought Iron primed one coat. Balusters or spindles ½″ square and Newel Posts are 1″ square. Lug is provided on each Top and Bottom Rail to attach to wall. Height of all Top rails is 30″ from floor. Designs shown below are all 44″ long. Ave. wt. 90 lbs. pair.

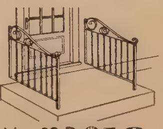
Sold in Pairs only—All Prices are per Pair.

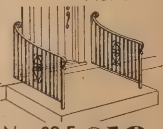
No. 89-A
Projection 14″
Weight 20 lbs.
Per Pair **$9**


No. 89-A


No. 89-B Per Pair.. **$15**


No. 89-C Per Pair.. **$17**


No. 89-D Per Pair.. **$18**

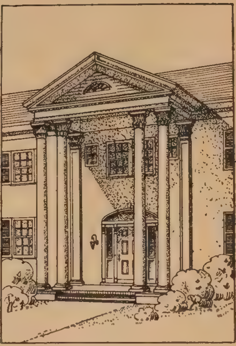

No. 89-E Per Pair... **$19**

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

LOWER PRICES FOR CASH BUYERS

LARGE CLASSICAL COLUMNS

Ancient Beauty for Modern Buildings

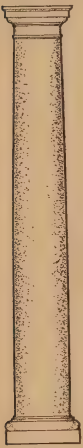


Chief among the heritages of Modern Architecture from the Greeks and Romans are the designs and proportions of Porch and Portico Columns. For this reason nothing adds so much to the Classical Beauty of a Modern Building as the reserved use of Columns which are Architecturally correct.

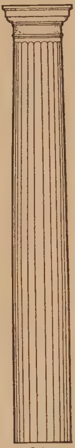
MANUFACTURE

Large Columns and Pilasters are always made to order. The lumber is air-dried or seasoned for at least a year and is never kiln-dried unless the Columns are for interior use. The staves are machined with proper TAPER or ENTASIS, put together with water resisting glue and clamped until the glue sets. They are then turned smooth and sanded in lathes which must be long enough to accommodate the shafts. Fluting, where required, is done with special equipment. Cap and Base Members are each made up separately of four pieces mitred and glued together, part being left square and part turned. All Columns are given two prime coats of white lead and oil at the factory before shipment and are carefully crated. The interiors of shafts over 16″ in diameter are coated with Asphaltum.

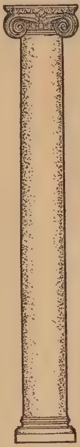
LET US QUOTE ON COLUMNS MADE TO ARCHITECT'S DETAIL



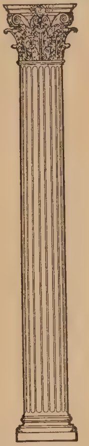
90
Roman
Wood Cap
and Base



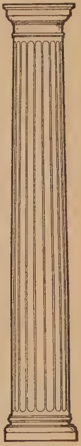
91
Doric
Wood Cap
No Base



92
Ionic
Compo Cap
Wood Base



93
Corinthian
Compo Cap
Wood Base



94
Attic
Wood Cap
and Base

GENUINE WHITE PINE — PRICES PER COLUMN — PRIMED

Caps and Bases included as shown—FLAT PILASTERS are ⅔ Price of Corresponding Column

Size	Weight	No. 90	No. 91	No. 92	No. 93	No. 94
10″x8′	94 lbs.	$12.44	$15.83	$14.96	$19.53	$15.24
9′	108 “	13.62	17.13	16.24	21.03	16.77
10′	120 “	14.96	18.55	17.56	22.68	18.43
12″x8′	112 “	18.11	22.05	21.38	27.13	21.54
9′	128 “	19.69	23.86	23.00	28.67	23.15
10′	144 “	21.38	26.14	24.69	30.56	24.81
14″x9′	190 lbs.	22.92	28.08	26.87	34.00	27.35
10′	205 “	24.86	30.13	28.77	36.20	29.54
12′	270 “	28.99		32.98	40.84	34.19
16″x10′	255 “	30.49	36.45	35.98	45.08	36.31
12′	295 “	35.50	42.49	40.77	50.64	42.38
14′	340 “	40.00	49.73	46.18	57.59	48.77
18″x14′	340 lbs.	46.62	54.59	54.44	66.43	54.99
16′	380 “	52.69	62.23	59.89	73.64	62.08
18′	425 “	59.05		66.29	81.06	69.54
20″x16′	450 “	59.52	70.13	69.25	85.56	70.79
18′	500 “	66.11		75.83	93.16	78.43
20′	550 “	73.09		82.70	101.13	86.40
22″x16′	525 lbs.	78.03	90.18	89.78	106.62	89.78
18′	575 “	85.29	99.36	97.00	115.22	98.45
20′	630 “	92.81		104.52	124.23	107.46
24″x16′	670 “	85.86	100.58	100.37	121.43	100.37
18′	740 “	93.79	108.41	108.17	129.26	108.20
20′	810 “	101.96	118.80	116.44	138.92	117.86
21′	845 “	106.04		120.52	143.77	122.78
22′	880 “	110.30		124.70	148.70	127.58
24′	950 “	118.94		133.52	158.86	137.77

10″ diameter Columns are made from **1½″** lumber: **12″** to **20″** diameter Columns are made from **2″** lumber: Columns over **20″** diameter are made from **2½″** lumber.
Diameter of shaft is measured at **bottom.** Height of Column **includes** cap and base if furnished.
MANY OTHER SIZES can be furnished at proportionately low prices.

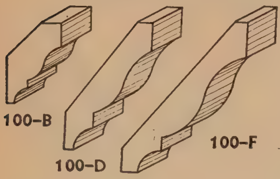
Our **GENUINE WHITE PINE** (Pinus Strobus) contains small round red knots but these do not show through the prime coat, nor impair either the appearance or life of the Column.
We can also furnish **YELLOW POPLAR, RED CYPRESS** or **CLEAR WHITE PINE** Columns promptly. **VERTICAL GRAIN FIR** Columns, at prices considerably less than above, can be furnished if 60 to 90 days be allowed after order is placed.

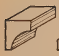
EXTERIOR MOULDINGS

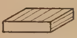
Clear Ponderosa Pine *TOX-I-SEALED*

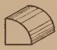
All Prices are per 100 Lineal Feet
in Random Lengths—Soft Ponderosa Pine

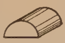
Specified Lengths 10% extra.

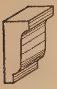


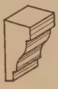

102

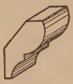

103

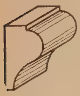

104

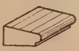

105

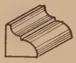

108

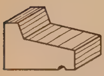

109

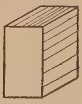

110

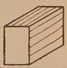

112

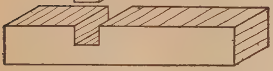

113

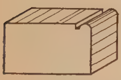

114

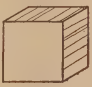

116

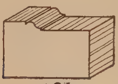

117-B


117-A


118


119


124

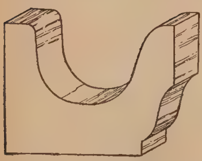

125

No.	Kind	Size Inches	Prices
100-B	CROWN	¾x2¾	$2.88
100-D	"	¾x3⅝	3.78
100-F	"	¾x4⅝	4.70
102-A	COVE	¾x ⅞	.93
102-B	"	¾x1⅛	1.17
103-A	LATTICE	⁵⁄₁₆x1⅛	.75
103-B	"	⁵⁄₁₆x1⅜	.90
103-C	"	⁵⁄₁₆x1¾	1.16
104-A	QUARTER ROUND	¼x ¼	.38
104-B	" "	½x ½	.59
104-D	" "	¾x ¾	.92
105-B	HALF ROUND	⁵⁄₁₆x ⅝	.51
105-C	" "	⅜x ¹¹⁄₁₆	.57
105-D	" "	½x1	.96
108-A	BARGE	¾x1¾	1.91
108-C	"	¾x2¾	2.88
108-D	"	1⅛x3¼	5.87
109	SHINGLE	¾x1¾	1.91
110	BED	¾x1¾	1.91
112	"	¾x1¼	1.41
113	GLASS BEAD	⅜x ⁷⁄₁₆	.56
114	" "	½x ⁹⁄₁₆	.65
116	DRIP CAP	1⅛x1⅝	2.87
117-A	PARTING STOP	½x ¾	.74
117-B	BLIND STOP	¾x1⅜	1.53
118	PULLEY STILE	¾x4½	5.48
119	HANGING STILE	1⅛x2	3.60
124-A	BALUSTER STOCK	1⅛x1⅛	2.10
124-B	" "	1⅜x1⅜	2.97
124-C	" "	1⅝x1⅝	4.92
125	STREMELINE CASING	1⁵⁄₁₆x2	4.34

For Screen Stock and Screen Moulding, see page 68

For Interior Pine and Hardwood Mouldings, see pages 74 and 75

O G GUTTER—CLEAR FIR



In Use Ever Since Colonial Days

Prices and Weights Per Lineal Foot ***TOX-I-SEALED***

No.	Rough Size	Finished Size	Weights	Prices
126-A	4x5"	3½x4½"	1¾ lbs.	15c
126-B	4x6"	3½x5½"	2 "	18c

Random lengths up to and including 20 ft. only.
Specified lengths 10% extra

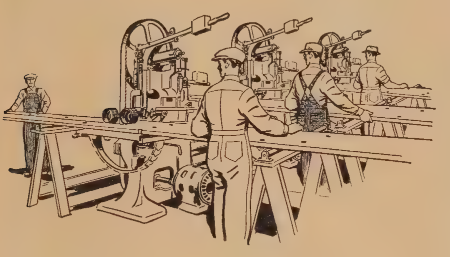
THE IMPORTANCE OF *TOX-I-SEALED* MOULDINGS

TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG. U.S. PAT. OFF.

We believe we are the first to offer Ponderosa Pine Mouldings chemically treated so that they are **Rot-Proofed — Termite-Proofed — Moisture-Proofed** To do this we have had to design and construct special equipment which is illustrated at the bottom of page 9. **TOX-I-SEALED** Mouldings are so much better from the buyer's point of view that everyone should **insist** on them, particularly when they **cost no more.** Not only will **TOX-I-SEALED** Mouldings last longer when exposed to the weather, but they need not be primed or back painted before they are used and will positively "stay put".

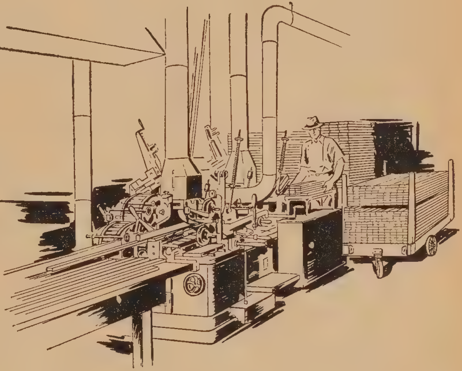
Exterior Frames

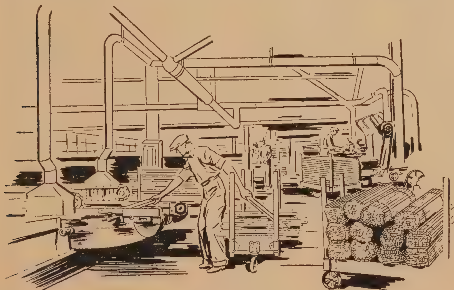
These represent probably the last of the various millwork products to be made by hand on the job or in a small carpenter shop, but the advantages of machine precision and of quantity production close to where the lumber is produced, have finally won out. Frames are now manufactured principally from Ponderosa Pine which grows extensively in Idaho, southern Oregon and northern California. While the trees do not gain the tremendous size of Fir or Redwood, they present logging problems of no mean proportions before they are cut and finally floated to a quiet mill pond.



The manufacture of Ponderosa Pine lumber is similar to that described for Yellow Pine on page 5, except that more attention is directed to getting "Shop Grades" with large defects which can be cut-out to secure absolutely clear cuttings. To be made at a price, Frames must come out of "Shop" lumber entirely, and the ripping and cutting operations are therefore such as to require Sawyers of long experience. The lumber is turned into "cut stock" composed of a large assortment of standard sizes, rather than cut to the sizes required on any particular order, and the "cut stock" is then sorted and stored in bins against future demand.

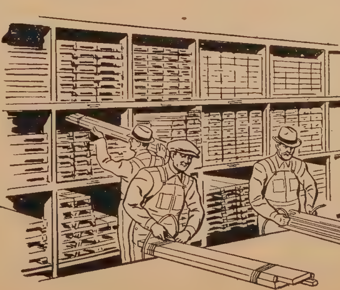
As the orders come in, the Frames are "billed out" or broken down into lists of component parts and each particular group is produced separately. After being cut to exact lengths, the stock is put through "Stickers" or Moulders which produce parts that are smoothly and accurately patterned and absolutely uniform. The Moulders are heavy machines each having a series of four rotating cutting heads which turn at high speed. These cut each side of the stock to the desired shape as it is forced through the machine by a series of milled feed rollers. For frame stock, sash parts and other small pieces, Moulders are usually hopper fed to insure a constant flow of material through the machine.





From this point on, the operations are many and varied. The jambs are bevelled and dadoed, or gained out; the sills notched on both ends; the casings bevelled and the pulley stiles machined. This consists of dadoing the ends to fit the heads and sills, cutting the pockets for the sash weights, and routing or boring for sash pulleys. The operations are performed on heavy, accurate machinery and wherever possible, both sides of a part are machined simultaneously to eliminate any possible variation in finished length.

The various sets of parts, as they emerge from the particular machines on which they are completed, then proceed on factory trucks to the assembly benches. Here all the width or height members of a particular Frame are selected out and bundled together with heavy strap iron. The Frames are next given the **Tox-i-seal** Treatment as described on page 9 from which they emerge **Rot-proofed Moisture-proofed** and **Termite-proofed.** The bundles then go into stock racks or piles—widths and heights separately—from which individual orders are selected as they come in.



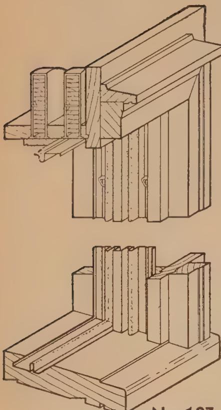
Stremeline WINDOW FRAMES

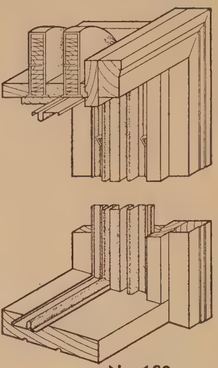
WEIGHTLESS—WEATHERSTRIPPED

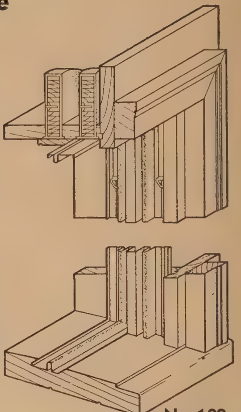
Permit the Use of Narrow Trim

Clear Ponderosa Pine

TOX-I-SEALED


No. 127


No. 128


No. 129

Each single Frame comes in two strong bundles with Weatherstrip and Balances boxed separately. Mullion Frames come in three bundles, triple Frames in four.

When "framing in" for Stremeline Frames, Nos. 127 or 128, sheathing should be held back from inside face of stud opening—2½″ at each side and 3″ at head—to receive Wind Breaks.

Frame No. 127—For 5¼″ Stud Wall

Moulded Outside Casing 1⅜x2″; Drip Cap 1⅛x2″; Sill 1⅝x7⅝″; Pulley Stiles ¾x4½″; Wind Breaks (Head) ¾x4½″, (Sides) ¾x3¾″; and Head Filler Strip ⅝x2″. Outside Mullion Casings 1⅛x1⅝″.

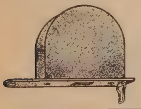
Frame No. 128—For 9″ Brick Wall

Moulded Hanging Stiles 1⅜x2″; Sill 1⅜x5¾″; Pulley Stiles, ¾x4½″; Blind Stops (Head) ¾x2½″, (Sides) ¾x1¼″; and Head Filler Strips ⅝x2″. Outside Mullion Casings 1⅛x1⅝″.

Frame No. 129—For 10″ Brick Veneered Wall

Moulded Hanging Stiles 1⅜x2″; Sill 1⅜x7⅞″; Pulley Stiles ¾x5¼″; Wind Breaks (Head) ¾x4½″, (Sides) ¾x3¾″; and Head Filler Strip ⅝x2″. Outside Mullion Casings 1⅛x1⅝″.

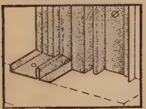
Overhead Sash Balances, instead of Pulleys, Weights and Cord, make possible the use of Narrow Trim and reduce the Mullion Centers to only 1⅝″ in width instead of 5½″. Continuous Weatherstrip effectively stops the passage of air between Sash and Frame and prevents leaks at Head, Check Rail and Sill. The metal is PURE ZINC, ribbed to reduce friction and interlocking to insure a tight joint at every point of contact. The Sash do not come in contact with the Frame at all but are separated by the Metal Weatherstrip. Wood against metal creates less friction and the Sash therefore slide easily and cannot stick or bind as usually occurs when two painted wood surfaces rub together.



Overhead Sash Balances are located directly above each left hand Pulley Stile; for Sash over 3′-2″ wide there are Balances at both sides. They have enclosed heads to eliminate trouble from Mortar, Plaster or Rock Wool, are adjustable and have rust-proofed steel Tapes. Spring Equalizers and Tape Hooks are included with installation instructions. Balances make for noiseless operation and are the ultimate choice of those with experience.

Each part of every Frame is **TOX-I-SEALED,** a chemical treatment (see page 9) designed to **ROT-PROOF** and **TERMITE-PROOF** by killing and preventing future fungus or animal growth in the wood and to **MOISTURE-PROOF** by impregnating the cells of the wood structure with a water repellent. Hence **TOX-I-SEALED** Frames can be exposed to the weather before being primed with no ill effects and require much less paint for the prime coat.

TOX-I-SEALED
ROT-PROOFED & MOISTURE-PROOFED & TERMITE-PROOFED
BY PEASE
REG US PAT OFF



Installation of Weatherstrip is extremely simple and should be done when Sash are hung. The Weatherstrip comes cut to exact size, Jamb members are bored for screws, bevelled at Sill, and Width members are punched for nails. All material is carton packed complete with screws, nails and installation instructions. For Frames **completely assembled** see pages **86** and **87.** The prices of "Stremeline" Frames **include** the cost of **pre-fitting** and **grooving** the Windows for the Weatherstrip—see bottom of page 55.

PRICES PER FRAME FOR 2-LT. WINDOW. Smaller regular sizes take price of next larger size.

Glass Size	Sash Opening	Prices No. 127	Stud Opening for Nos. 127 or 129	Prices No. 128	Face Brick Opening Nos. 128 or 129	Prices No. 129
16x12	1-8x2-6	$3.73	1-10x2-10	$3.30	2-0x2-10	$3.57
14	2-10	**3.90**	3-2	**3.46**	3-2	**3.75**
16	3-2	**4.05**	3-6	**3.59**	3-6	**3.90**
18	3-6	**4.23**	3-10	**3.75**	3-10	**4.11**
20	3-10	**4.40**	4-2	**3.89**	4-2	**4.28**
24	4-6	**4.72**	4-10	**4.17**	4-10	**4.62**
26	4-10	**4.86**	5-2	**4.30**	5-2	**4.77**
28	5-2	**5.01**	5-6	**4.43**	5-6	**4.93**
30	5-6	**5.19**	5-10	**4.62**	5-10	**5.08**
18x12	1-10x2-6	**3.89**	2-0x2-10	**3.34**	2-2x2-10	**3.63**
14	2-10	**4.06**	3-2	**3.49**	3-2	**3.81**
16	3-2	**4.21**	3-6	**3.62**	3-6	**3.96**
18	3-6	**4.39**	3-10	**3.79**	3-10	**4.17**
20	3-10	**4.56**	4-2	**3.93**	4-2	**4.34**
22	4-2	**4.70**	4-6	**4.06**	4-6	**4.52**
24	4-6	**4.88**	4-10	**4.21**	4-10	**4.69**
26	4-10	**5.02**	5-2	**4.34**	5-2	**4.84**
28	5-2	**5.17**	5-6	**4.47**	5-6	**4.99**
30	5-6	**5.35**	5-10	**4.66**	5-10	**5.14**

(Continued on next page)

Stremeline WINDOW FRAMES

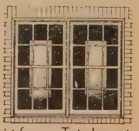
Prices Include Overhead Balances and Weatherstrip

PRICES PER FRAME FOR 2-LT. WINDOW. Smaller regular sizes take price of next larger size

Glass Size	Sash Opening	Prices No. 127	Stud opening for Nos. 127 or 129	Prices No. 128	Face Brick opening for Nos. 128 or 129	Price No. 129
20x12	2-0x2-6	**$3.97**	2-2x2-10	**$3.40**	2-4x2-10	**$3.70**
14	2-10	**4.14**	3-2	**3.56**	3-2	**3.88**
16	3-2	**4.30**	3-6	**3.69**	3-6	**4.03**
18	3-6	**4.47**	3-10	**3.85**	3-10	**4.24**
20	3-10	**4.64**	4-2	**4.00**	4-2	**4.41**
22	4-2	**4.79**	4-6	**4.13**	4-6	**4.58**
24	4-6	**4.96**	4-10	**4.28**	4-10	**4.75**
26	4-10	**5.10**	5-2	**4.40**	5-2	**4.90**
28	5-2	**5.25**	5-6	**4.53**	5-6	**5.06**
30	5-6	**5.43**	5-10	**4.72**	5-10	**5.21**
22x16	2-2x3-2	**4.38**	2-4x3-6	**3.78**	2-6x3-6	**4.16**
18	3-6	**4.55**	3-10	**3.94**	3-10	**4.38**
20	3-10	**4.73**	4-2	**4.08**	4-2	**4.55**
22	4-2	**4.87**	4-6	**4.21**	4-6	**4.72**
24	4-6	**5.04**	4-10	**4.37**	4-10	**4.89**
26	4-10	**5.18**	5-2	**4.49**	5-2	**5.04**
28	5-2	**5.33**	5-6	**4.62**	5-6	**5.19**
30	5-6	**5.52**	5-10	**4.81**	5-10	**5.35**
24x12	2-4x2-6	**4.13**	2-6x2-10	**3.53**	2-8x2-10	**3.88**
14	2-10	**4.31**	3-2	**3.69**	3-2	**4.06**
16	3-2	**4.46**	3-6	**3.82**	3-6	**4.21**
18	3-6	**4.63**	3-10	**3.98**	3-10	**4.43**
20	3-10	**4.80**	4-2	**4.12**	4-2	**4.59**
22	4-2	**4.95**	4-6	**4.25**	4-6	**4.77**
24 ←	4-6	→ **5.12**	4-10	→ **4.41**	4-10	→ **4.94**
26	4-10	**5.26**	5-2	**4.53**	5-2	**5.09**
28	5-2	**5.41**	5-6	**4.66**	5-6	**5.24**
30	5-6	**5.59**	5-10	**4.85**	5-10	**5.40**
32	5-10	**5.79**	6-2	**4.99**	6-2	**5.59**
26x16	2-6x3-2	**4.54**	2-8x3-6	**3.88**	2-10x3-6	**4.28**
18	3-6	**4.71**	3-10	**4.05**	3-10	**4.50**
20	3-10	**4.89**	4-2	**4.19**	4-2	**4.66**
22	4-2	**5.03**	4-6	**4.32**	4-6	**4.84**
24	4-6	**5.21**	4-10	**4.47**	4-10	**5.01**
26	4-10	**5.34**	5-2	**4.60**	5-2	**5.16**
28	5-2	**5.49**	5-6	**4.73**	5-6	**5.31**
30	5-6	**5.68**	5-10	**4.92**	5-10	**5.47**
32	5-10	**5.87**	6-2	**5.06**	6-2	**5.66**
28x16	2-8x3-2	**4.61**	2-10x3-6	**3.93**	3-0x3-6	**4.34**
18	3-6	**4.79**	3-10	**4.09**	3-10	**4.56**
20	3-10	**4.96**	4-2	**4.24**	4-2	**4.73**
22	4-2	**5.10**	4-6	**4.37**	4-6	**4.90**
24	4-6	**5.28**	4-10	**4.52**	4-10	**5.07**
26	4-10	**5.42**	5-2	**4.64**	5-2	**5.22**
28	5-2	**5.57**	5-6	**4.77**	5-6	**5.37**
30	5-6	**5.75**	5-10	**4.96**	5-10	**5.53**
32	5-10	**5.95**	6-2	**5.10**	6-2	**5.72**
30x14	2-10x2-10	**4.59**	3-0x3-2	**3.85**	3-2x3-2	**4.25**
16	3-2	**4.74**	3-6	**3.98**	3-6	**4.40**
18	3-6	**4.91**	3-10	**4.15**	3-10	**4.62**
20	3-10	**5.09**	4-2	**4.29**	4-2	**4.78**
22	4-2	**5.23**	4-6	**4.42**	4-6	**4.96**
24	4-6	**5.41**	4-10	**4.57**	4-10	**5.13**
26	4-10	**5.54**	5-2	**4.69**	5-2	**5.28**
28	5-2	**5.69**	5-6	**4.83**	5-6	**5.43**
30	5-6	**5.88**	5-10	**5.02**	5-10	**5.59**
32	5-10	**6.08**	6-2	**5.15**	6-2	**5.78**
32x20	3-0x3-10	**5.19**	3-2x4-2	**4.35**	3-4x4-2	**4.87**
24	4-6	**5.51**	4-10	**4.63**	4-10	**5.21**
26	4-10	**5.64**	5-2	**4.75**	5-2	**5.36**
28	5-2	**5.79**	5-6	**4.89**	5-6	**5.52**
30	5-6	**5.98**	5-10	**5.08**	5-10	**5.67**
32	5-10	**6.18**	6-2	**5.21**	6-2	**5.87**
The following Frames have **4** Balances instead of **2** per Single Opening.						
36x20	3-4x3-10	**6.47**	3-6x4-2	**5.59**	3-8x4-2	**6.20**
24	4-6	**6.79**	4-10	**5.87**	4-10	**6.54**
26	4-10	**6.93**	5-2	**6.00**	5-2	**6.69**
28	5-2	**7.08**	5-6	**6.13**	5-6	**6.84**
30	5-6	**7.26**	5-10	**6.32**	5-10	**7.00**
32	5-10	**7.46**	6-2	**6.46**	6-2	**7.19**
40x20	3-8x3-10	**6.72**	3-10x4-2	**5.73**	4-0x4-2	**6.36**
24	4-6	**7.04**	4-10	**6.01**	4-10	**6.71**
26	4-10	**7.17**	5-2	**6.13**	5-2	**6.86**
28	5-2	**7.33**	5-6	**6.26**	5-6	**7.01**
30	5-6	**7.51**	5-10	**6.45**	5-10	**7.17**
32	5-10	**7.71**	6-2	**6.59**	6-2	**7.36**
48x20	4-4x3-10	**7.07**	4-6x4-2	**5.97**	4-8x4-2	**6.66**
24	4-6	**7.39**	4-10	**6.25**	4-10	**7.01**
26	4-10	**7.53**	5-2	**6.38**	5-2	**7.16**
28	5-2	**7.68**	5-6	**6.51**	5-6	**7.31**
30	5-6	**7.86**	5-10	**6.70**	5-10	**7.47**
32	5-10	**8.06**	6-2	**6.84**	6-2	**7.66**

MULTIPLE FRAMES – 1 5/8″ MULLION CASING

The Thin Mullions Make These Very Attractive.



Mullion Frames	**2**	times the Single Frame Price and add	**$0.25**
Triple Frames	**3**	“ “ “ “ “ “ “	**.70**
Quadruple Frames	**4**	“ “ “ “ “ “ “	**1.10**
Quintette Frames	**5**	“ “ “ “ “ “ “	**1.60**

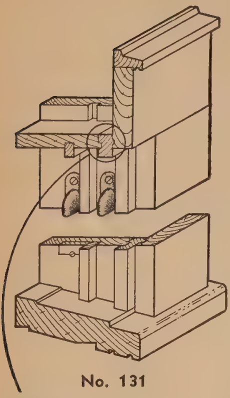
Double the Stud or Face Brick Opening Width for a Mullion Frame. Triple it for a Triple, etc.

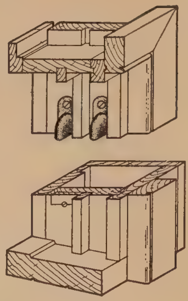
Wethertite WINDOW FRAMES

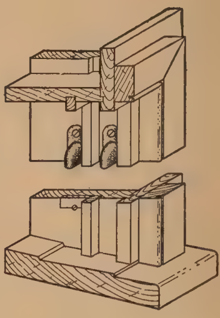
REQUIRE WEIGHTS AND CORD

Clear Ponderosa Pine

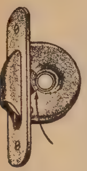
TOX-I-SEALED


No. 131


No. 132


No. 133

"WETHERTITE" FEATURES
Include
Tongued and Grooved Interlocking Joints with Leak-Proof Sills—full protection against the weather.


Galvanized Ball Bearing Jamproof Pulleys are screwed in place. Pockets for Weights are cut and held-in by Galvanized Screws.

Frame No. 131—For 5¼" Stud Wall.

Outside Casings 1⅛x4½", Drip Cap 1⅛x1⅝", Sill 1⅝x7⅝", Blind Stops ¾x1¼", Pulley Stiles ¾x4½", and Parting Stops ½x¾".

Frame No. 132—For 9" or 13" Brick Wall.

Hanging Stiles 1⅛x2", Sill 1⅜x5¾", Pulley Stiles ¾x3¾", Parting Stops ½x¾", Blind Stops ¾x1¼" and ¾x3¾", Inside Linings ¾x1⅝" and ¾x3¼", and Back Linings ½x5¼".

Frame No. 133—For 10" Brick-Veneered Wall.

Hanging Stiles 1⅛x2", Sill 1⅜x7⅞", Pulley Stiles ¾x4½". Wind Breaks (Head) ¾x3¾", (Sides) ¾x4½", Parting Stops ½x¾".

Each Single Frame in 2 strong bundles; Mullion Frames in 3, etc.

Sash weights of proper size and No. 7 sash cord, are priced **per set** of 4 weights and 25 ft. of cord (enough for 1 window), in right-hand column. **Not shipped unless so specified.**

TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG.U.S. PAT.OFF.

Each part of every Frame is **TOX-I-SEALED**, a chemical treatment (see page 9) designed to **ROT-PROOF** and **TERMITE-PROOF** by killing and preventing future fungus or animal growth in the wood and to **MOISTURE-PROOF** by impregnating the cells of the wood structure with a water repellent. Hence **TOX-I-SEALED** Frames can be exposed to the weather before being primed with no ill effects and require much less paint for the prime coat than untreated Frames do.

PRICES PER FRAME FOR 2-LT. WINDOW. Smaller regular sizes take price of next larger size.

Glass Size	Sash Opening	Prices No. 131	**Stud** opening Nos. 131 or 133	Prices No. 132	**Face Brick** opening Nos. 132 or 133	Prices No. 133	Add for Weights & Cord
16x12	1- 8x2-6	**$2.16**	2- 2x2-10	**$2.21**	2- 0x2-10	**$2.14**	**$0.40**
14	2-10	**2.31**	3-2	**2.33**	3-2	**2.22**	**.45**
16	3-2	**2.40**	3-6	**2.45**	3-6	**2.34**	**.45**
18	3-6	**2.51**	3-10	**2.61**	3-10	**2.47**	**.50**
20	3-10	**2.67**	4-2	**2.79**	4-2	**2.58**	**.50**
24	4-6	**2.88**	4-10	**3 06**	4-10	**2 79**	**.55**
26	4-10	**2.97**	5-2	**3.18**	5-2	**2.89**	**.60**
28	5-2	**3.07**	5-6	**3 30**	5-6	**2.98**	**.60**
30	5-6	**3.21**	5-10	**3.45**	5-10	**3.12**	**.65**
18x12	1-10x2-6	**2.30**	2- 4x2-10	**2.24**	2- 2x2-10	**2.19**	**.50**
14	2-10	**2.46**	3-2	**2.36**	3-2	**2.26**	**.50**
16	3-2	**2.54**	3-6	**2.48**	3-6	**2.39**	**.50**
18	3-6	**2.65**	3-10	**2.65**	3-10	**2.52**	**.55**
20	3-10	**2.81**	4-2	**2.82**	4-2	**2.62**	**.55**
22	4-2	**2.92**	4-6	**2.96**	4-6	**2.73**	**.55**
24	4-6	**3.02**	4-10	**3.09**	4-10	**2.84**	**.60**
26	4-10	**3.11**	5-2	**3.21**	5-2	**2.93**	**.65**
28	5-2	**3.22**	5-6	**3.34**	5-6	**3.03**	**.65**
30	5-6	**3.36**	5-10	**3.48**	5-10	**3.17**	**.70**
20x12	2- 0x2-6	**2.38**	2- 6x2-10	**2.27**	2- 4x2-10	**2.23**	**.45**
14	2-10	**2.53**	3-2	**2.39**	3-2	**2.30**	**.50**
16	3-2	**2.61**	3-6	**2.52**	3-6	**2.43**	**.50**
18	3-6	**2.72**	3-10	**2.68**	3-10	**2.56**	**.55**
20	3-10	**2.88**	4-2	**2.85**	4-2	**2.66**	**.60**
22	4-2	**2.99**	4-6	**2.99**	4-6	**2.77**	**.60**
24	4-6	**3.09**	4-10	**3.12**	4-10	**2.88**	**.65**
26	4-10	**3.19**	5-2	**3.24**	5-2	**2.97**	**.70**
28	5-2	**3.29**	5-6	**3.37**	5-6	**3.07**	**.75**
30	5 6	**3.43**	5-10	**3.51**	5-10	**3.21**	**.75**

(Continued on next page)

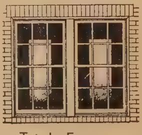
Wethertite WINDOW FRAMES

With Sash Weights and Cord Priced Separately

PRICES PER FRAME FOR 2-LT WINDOW. Smaller regular sizes take price of next larger size.

Glass Size	Sash Opening	Prices No. 131	Stud opening Nos. 131 or 133	Prices No. 132	Face Brick opening Nos. 132 or 133	Prices No. 133	Add for Weights & Cord
22x16	2- 2x3-2	$2.67	2- 8x3-6	$2.58	2- 6x3-6	$2.54	$0.55
18	3-6	2.78	3-10	2.75	3-10	2.67	.55
20	3-10	2.94	4-2	2.92	4-2	2.78	.60
22	4-2	3.05	4-6	3.06	4-6	2.88	.65
24	4-6	3.15	4-10	3.19	4-10	2.99	.70
26	4-10	3.24	5-2	3.31	5-2	3.09	.70
28	5-2	3.35	5-6	3.44	5-6	3.18	.75
30	5-6	3.49	5-10	3.58	5-10	3.32	.75
36	6-6	3.89	6-10	4.17	6-10	3.74	.85
24x12	2- 4x2-6	2.49	2-10x2-10	2.37	2- 8x2-10	2.38	.50
14	2-10	2.65	3-2	2.49	3-2	2.46	.50
16	3-2	2.73	3-6	2.61	3-6	2.58	.55
18	3-6	2.84	3-10	2.78	3-10	2.71	.60
20	3-10	3.00	4-2	2.95	4-2	2.82	.65
22	4-2	3.11	4-6	3.09	4-6	2.93	.70
24 ←	4-6	→ 3.21	4-10	→ 3.22	4-10	→ 3.03	.70
26	4-10	3.30	5-2	3.34	5-2	3.13	.75
28	5-2	3.41	5-6	3.47	5-6	3.22	.80
30	5-6	3.55	5-10	3.61	5-10	3.36	.85
32	5-10	3.66	6-2	3.89	6-2	3.53	.85
36	6-6	3.95	6-10	4.20	6-10	3.78	.95
26x16	2- 6x3-2	2.78	3- 0x3-6	2.65	2-10x3-6	2.64	.60
18	3-6	2.89	3-10	2.81	3-10	2.77	.65
20	3-10	3.05	4-2	2.98	4-2	2.88	.70
22	4-2	3.15	4-6	3.12	4-6	2.98	.70
24	4-6	3.26	4-10	3.25	4-10	3.09	.75
26	4-10	3.35	5-2	3.38	5-2	3.19	.80
28	5-2	3.46	5-6	3.50	5-6	3.28	.80
30	5-6	3.60	5-10	3.65	5-10	3.42	.85
32	5-10	3.71	6-2	3.92	6-2	3.59	.90
36	6-6	4.00	6-10	4.23	6-10	3.84	1.00
28x16	2- 8x3-2	2.84	3- 2x3-6	2.68	3- 0x3-6	2.67	.60
18	3-6	2.94	3-10	2.84	3-10	2.80	.65
20	3-10	3.11	4-2	3.02	4-2	2.91	.70
22	4-2	3.21	4-6	3.15	4-6	3.02	.75
24	4-6	3.31	4-10	3.29	4-10	3.12	.80
26	4-10	3.41	5-2	3.41	5-2	3.22	.80
28	5-2	3.51	5-6	3.53	5-6	3.31	.85
30	5-6	3.65	5-10	3.68	5-10	3.45	.90
32	5-10	3.77	6-2	3.96	6-2	3.62	.95
36	6-6	4.05	6-10	4.26	6-10	3.87	1.05
30x14	2-10x2-10	2.86	3- 4x3-2	2.59	3- 2x3-2	2.59	.60
16	3-2	2.95	3-6	2.71	3-6	2.71	.65
18	3-6	3.06	3-10	2.87	3-10	2.84	.70
20	3-10	3.22	4-2	3.05	4-2	2.95	.75
22	4-2	3.32	4-6	3.19	4-6	3.06	.80
24	4-6	3.42	4-10	3.32	4-10	3.17	.85
26	4-10	3.52	5-2	3.44	5-2	3.26	.85
28	5-2	3.62	5-6	3.56	5-6	3.36	.90
30	5-6	3.76	5-10	3.71	5-10	3.50	.95
32	5-10	3.88	6-2	3.99	6-2	3.67	1.00
36	6-6	4.16	6-10	4.29	6-10	3.92	1.10
32x20	3- 0x3-10	3.33	3- 6x4-2	3.07	3- 4x4-2	3.01	.80
24	4-6	3.54	4-10	3.34	4-10	3.22	.85
26	4-10	3.63	5-2	3.47	5-2	3.32	.90
28	5-2	3.74	5-6	3.59	5-6	3.41	.95
30	5-6	3.87	5-10	3.74	5-10	3.55	1.00
32	5-10	3.99	6-2	4.01	6-2	3.72	1.05
36	6-6	4.28	6-10	4.32	6-10	3.97	1.15
36x20	3- 4x3-10	3.44	3-10x4-2	3.21	3- 8x4-2	3.18	.85
24	4-6	3.65	4-10	3.48	4-10	3.39	.90
26	4-10	3.74	5-2	3.60	5-2	3.49	1.00
28	5-2	3.85	5-6	3.73	5-6	3.58	1.00
30	5-6	3.99	5-10	3.87	5-10	3.72	1.10
32	5-10	4.10	6-2	4.15	6-2	3.89	1.20
36	6-6	4.39	6-10	4.46	6-10	4.14	1.30
40x20	3- 8x3-10	3.64	4- 2x4-2	3.27	4- 0x4-2	3.27	.95
24	4-6	3.84	4-10	3.54	4-10	3.49	1.05
26	4-10	3.94	5-2	3.66	5-2	3.58	1.10
28	5-2	4.04	5-6	3.79	5-6	3.68	1.15
30	5-6	4.18	5-10	3.93	5-10	3.82	1.20
32	5-10	4.30	6-2	4.21	6-2	3.99	1.25
36	6-6	4.58	6-10	4.52	6-10	4.24	1.35
48x20	4- 4x3-10	3.90	4-10x4-2	3.44	4- 8x4-2	3.49	1.10
24	4-6	4.11	4-10	3.71	4-10	3.70	1.20
26	4-10	4.20	5-2	3.83	5-2	3.80	1.25
28	5-2	4.31	5-6	3.96	5-6	3.89	1.30
30	5-6	4.45	5-10	4.10	5-10	4.03	1.35
32	5-10	4.56	6-2	4.38	6-2	4.20	1.40
36	6-6	4.85	6-10	4.69	6-10	4.46	1.50

MULTIPLE FRAMES – 5½″ MULLION CASING



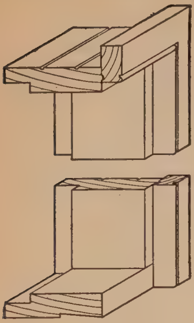
MULLION FRAMES.....2 times the Single Frame price and add $0.25
TRIPLE FRAMES.........3 " " " " " " " .70
QUADRUPLE FRAMES..4 " " " " " " " 1.10
QUINTETTE FRAMES....5 " " " " " " " 1.60

Double the Stud or Face Brick opening width for a Mullion Frame. Triple it for a Triple Frame, etc.

CELLAR FRAMES AND SASH

Clear Ponderosa Pine

OX-I-SEALED BY PEASE
ROT PROOFED
MOISTURE-PROOFED
TERMITE PROOFED
REG US PAT OFF



136

CELLAR SASH FRAME No. 136

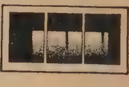
Jambs and Sill 1⅜x5¼″
Hanging Stiles 1⅛x2″

TWO AND THREE LIGHT CELLAR SASH

1⅜″ Thick — Glazed with Flat Drawn Glass

134

AVOID ERRORS—BUY IN COMPLETE SETS
Set **S-134** has **2** lt. Sash
Set **S-135** has **3** lt. Sash
Consisting of Frame and Glazed Sash together with Hardware (No. **654**, page 145).



135

PRICES PER SASH, FRAME OR COMPLETE SET

Cellar Sash No. 134, 2 Lights

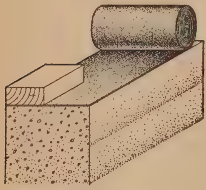
Glass Sizes	Sash Opening	Glazed Sash	Frame No. 136	Complete Set S-134
10x12	2-1x1-5	$0.70	$0.98	$1.93
14	1-7	.75	1.02	2.02
16	1-9	.84	1.04	2.13
18	1-11	.88	1.08	2.21
20	2-1	.93	1.11	2.29
12x12	2-5x1-5	.78	1.11	2.14
14	1-7	.86	1.15	2.26
16	1-9	.93	1.17	2.35
18	1-11	.96	1.21	2.42
20	2-1	1.01	1.24	2.50
24	2-5	1.16	1.30	2.71
14x16	2-9x1-9	.99	1.24	2.48
18	1-11	1.03	1.27	2.55
20	2-1	1.08	1.30	2.63
24	2-5	1.28	1.37	2.90

Cellar Sash No. 135, 3 Lights

Glass Sizes	Sash Opening	Glazed Sash	Frame No. 136	Complete Set S-135
8x10	2- 4x1-3	$0.75	$0.98	$1.98
9x12	2- 7x1-5	.84	1.14	2.23
14	1-7	.90	1.17	2.32
16	1-9	.94	1.20	2.39
18	1-11	1.08	1.23	2.56
10x12	2-10x1-5	.88	1.18	2.31
14	1-7	.94	1.21	2.40
16	1-9	1.08	1.24	2.57
18	1-11	1.11	1.27	2.63
20	2-1	1.19	1.30	2.74
12x12	3- 4x1-5	1.01	1.38	2.64
14	1-7	1.14	1.41	2.80
16	1-9	1.19	1.44	2.88
18	1-11	1.28	1.47	3.00
24	2-5	1.51	1.57	3.33

(Average weight of Cellar Sash Frames, 20 lbs., of Glazed Cellar Sash, 10 lbs., each).

For Wood Basement Window Units, complete, carton packed, see page 89



COPPER TERMITE SHIELDS

Often required for F. H. A. Approval

In continuous rolls 8″ wide, 120 ft. long.

Made up of a layer of waterproof resilient 2-ply black Asphalt Building Paper inseparably bonded to a continuous layer of 3-oz. Electro Sheet Copper. To apply, just unroll along the top of foundation wall before plates or joists are put on. The flaps on each side can be turned down or they can be turned up and tacked to plates or joists. Corners can be mitred and soldered or merely lapped.

8⅔c Per foot

No. **135-C** in rolls **12″** wide, **120** square feet.
Weight per roll 25 lbs.........No rolls broken.
MAKES AN EXCELLENT ROOF FLASHING.

$10.40 Per roll

BASEMENT AREA WALLS, GRATINGS AND RAILINGS

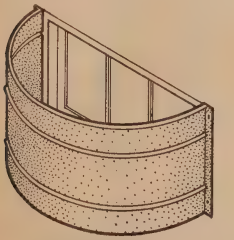
Make it possible to build at **GRADE LEVEL,** so much in vogue at present, as the house need not be "raised up" to get the Basement Windows and Coal Chute above ground.

AREA WALLS are 16 gauge copper-bearing steel, galvanized, with stiffening ribs and flanged tops. They are easily attached to the masonry wall by means of toggle or expansion bolts.

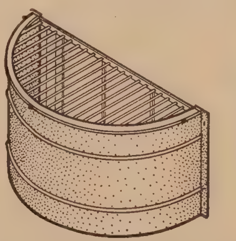
GRATINGS have a half circular channel frame which covers top flange of Area Wall and is fastened to it by 3 brass screws so that it can be removed. Round ½″ bars 2″ on center will support a heavy load.

RAILINGS are 24″ high and are made up of ½″ bars, alternately twisted and square, spaced 4½″ on center and welded.

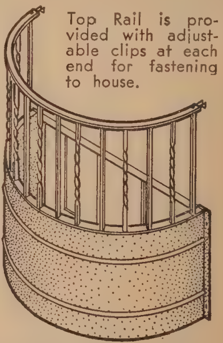
Top Rail is provided with adjustable clips at each end for fastening to house.



Area Wall No. **135-D**



With **Grating** No. **135-E**

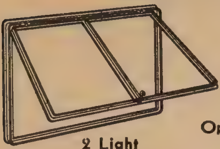


With **Railing** No. **135-F**

Order by these sizes width Depth	For use with Basement Windows not over	PRICES EACH Area Walls No. 135-D Wts.	Prices	Gratings (only) No. 135-E Wts.	Prices	Railings (only) No. 135-F Wts.	Prices
3′-2″ x 1′-6″	10x12–3 Lt.	23 lbs.	$2.45	28 lbs.	$4.40	32 lbs.	$5.95
3′-2″ x 2′-0″	10x20–3 Lt.	30 "	3.05	28 "	4.40	32 "	5.95
3′-8″ x 2′-0″	12x20–3 Lt.	35 "	3.30	30 "	4.60	38 "	6.25
3′-8″ x 4′-0″	12x20–6 Lt.	68 "	5.85	30 "	4.60	38 "	6.25

STEEL BASEMENT WINDOWS

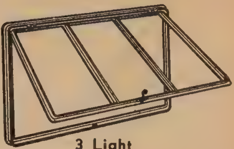
COMPLETE UNITS – READY TO INSTALL



2 Light

Bonderized

Hinged at Top to Open at Bottom
Solid One-Piece Frame
Hook Type Locking Device
Open for Putty Glazing—Clips Included



3 Light

No.	Glass Size	Lights	Masonry Opening
136-A	14x20	2 Lt.	2-6¼x1-10
136-B	10x12	3 Lt.	2-8⅝x1- 2
136-C	10x20	3 Lt.	2-8⅝x1-10
136-D	12x18	3 Lt.	3-2⅝x1- 8

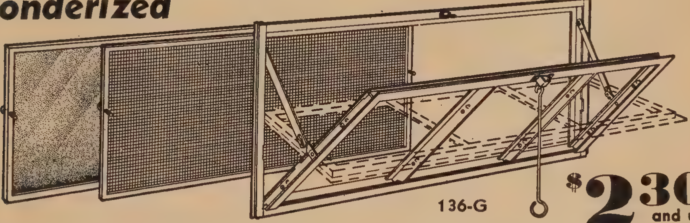
ANY OF THESE SIZES **$179 each**

For Glass and Steel Sash Putty, see page 152. For other Steel Sash, see pages 131-138.

Puttyless Type Steel Basement Windows

Swing down from top — Stay open at 2 positions

Bonderized



136-G

$230 and up

FRAME is heavy, welded Copper-bearing Steel and has wide flanges to fit securely into the masonry. All parts are ***Bonderized*** or **Rust-Proofed** the same as Casement Sash—see page 131. **SASH** is not hinged, but rests in groove at sill and swings in from the top to either position shown, or the Sash can be lifted out entirely from the inside unless locked. The lock is substantial and is operated by a steel rod, making the Window a convenient one to open and close. Glass is not included but is easily installed by placing it in position against the cork bedding and inserting the slotted glazing clips which come wired to each Window. No putty is required and the Window can be reglazed by a child.

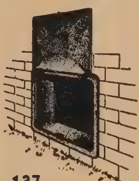
SCREEN is hollow metal, covered with 16-mesh bronze wire and is interchangeable with Storm Sash.
STORM SASH is hollow metal, 1 light, glazed with clear glass and is interchangeable with Screen.

No.	Glass Size	Lights	Masonry Opening	Window Open	Screen Wired	Storm Sash Glazed
136-E	10x12	2-Lt.	1-10⅞x1-2¾	$2.30	$1.60	$2.73
136-F	14x20	"	2- 6⅞x1-10¾	2.54	1.60	3.58
136-G	10x12	3-Lt.	2- 9¼x1- 2¾	2.45	1.60	3.14
136-H	10x16	"	2- 9¼x1- 6¾	2.57	1.60	3.46
136-J	10x20	"	2- 9¼x1-10¾	2.68	1.60	3.91
136-K	12x18	"	3- 3¼x1- 8¾	2.70	1.60	4.32

Window (Frame and Sash) only, always shipped unless Screen and/or Storm Sash specified.
Average Weights: Window 25 lbs.; Screen 7 lbs.; Storm Sash 10 lbs.

STEEL BASEMENT COAL CHUTE

Wall Opening 23"x17"x8"



137

Frame and door made of heavy gauge copper-bearing, rust-resisting steel. The hinges are of malleable iron with brass hinge pins. The body is steel and rigid in construction. The door is fitted with a heavy cast-iron catch which can be opened only from the inside, thus making the window secure against outside tampering. The hinges are slotted so that when the door is in a raised position, it remains there and cannot drop. The finish is Velvet Black Japan. Weight 32 lbs. Price....

No. 137

Strong and Substantial

$366 each

STEEL BASEMENT (OR LALLY) COLUMNS

No. 137-F—Prices Per Column with Caps and Bases

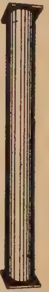
Made from Reclaimed Pipe, Painted Black

Diam.	Length	Weight	Price
4"	6-0	34 lbs.	$1.96
4"	6-6	37 "	2.03
4"	7-0	40 "	2.10
4"	7-6	43 "	2.17
4"	8-0	46 "	2.31
Longer Lengths (per ft.)			.34

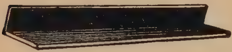
Made from New Pipe, Painted Black

Diam.	Length	Weight	Price
5"	6-0	65 lbs.	$4.15
5"	6-6	70 "	4.40
5"	7-0	75 "	4.75
5"	7-6	80 "	5.05
5"	8-0	85 "	5.35
Longer Lengths (per ft.)			.70

For Steel Caps with clips to fasten to I-beam (avoids drilling beam) add per col.....13c
For Cast Iron Caps and Bases with Flange and Set Screw, add per column..........43c



137-F



STEEL ANGLE LINTELS

No. 137-G Painted

Stock Lengths	3"x3"x3/16"	4"x3"x¼"
2'-6"	$0.45	$0.70
3'-0"	.54	.84
3'-6"	.62	.98
4'-0"	.70	1.10
4'-6"	.79	1.25
5'-0"		1.39

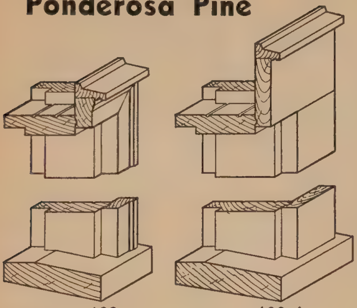
Longer Lengths of Lintels: Size	Thick	Weight Per Foot	Prices Per Foot
3x3"	3/16"	3.7 lbs.	$0.22
4x3"	¼"	5.8 "	.33
5x3½"	5/16"	8.7 "	.42
6x4"	⅜"	12.3 "	.65

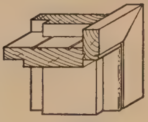
Lengths figured to next even 6" or half foot but will be cut to exact length specified.

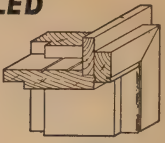
OUTSIDE DOOR FRAMES

Ponderosa Pine

TOX-I-SEALED


138 138-A


138-B
138-C


138-D

Every Frame is **TOX-I-SEALED**, a chemical treatment designed to **ROT-PROOF** and **TERMITE-PROOF** by killing and preventing future fungus growth in the wood and to **MOISTURE-PROOF** by impregnating the cells of the wood structure with a water repellent.

No. 138
Stremeline for 5¼" Stud Wall

Moulded Outside Casing 1⅜x2", Drip Cap 1⅛x1⅝", Jambs 1⅜x5¼" and **OAK SILL** 1⅝x7⅛".

No. 138-A
Wethertite for 5¼" Stud Wall

Outside Casings 1⅛x4½"; Drip Cap 1⅛x1⅝", Jambs 1⅜x5¼" and **OAK SILL** 1⅝x7⅛".

No. 138-B
For 9" Brick or Cement Block Wall

Jambs 1⅝x5¼" and Hanging Stiles 1⅛x2"* —No Sill.

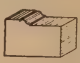
No. 138-C—For 13" Brick Wall

Jambs 1⅝x9¼" and Hanging Stiles 1⅛x2"* —No Sill.

No. 138-D—For Brick Veneered Wall

Jambs 1⅜x6", Hanging Stiles 1⅛x2"* and Outside Linings (Head) ¾x2⅝", (Sides) ¾x3½"—**No Sill** unless clearly specified.

* When **"Stremeline"** Window Frames for Brick or Brick Veneered Walls are ordered (see page 46) we furnish Moulded Outside Casing 1⅜x2" for Door Frames to match that used on Window Frames.



Prices per Frame Sizes	Stremeline Stud Wall No. 138	Wethertite Stud Wall No. 138-A	9" Brick Wall No. 138-B	13" Brick Wall No. 138-C	10" Brick Veneered Wall No. 138-D No Sill	10" Brick Veneered Wall No. 138-D With Oak Sill	Average Weight (Lbs.)
2- 6x6-6	$3.83	$4.56	$3.52	$7.05	$3.71	$4.71	41
6-8	3.90	4.65	3.62	7.25	3.83	4.83	43
7-0	4.00	4.81	3.75	7.50	3.96	4.96	45
2- 8x6-8	3.96	4.71	3.70	7.40	3.92	4.92	44
7-0	4.06	4.87	3.83	7.65	4.05	5.05	47
2-10x6-8	3.98	4.74	3.72	7.44	3.95	4.95	46
7-0	4.08	4.90	3.85	7.70	4.08	5.08	49
3- 0x6-8	4.11	4.91	3.75	7.50	3.97	5.07	50
7-0	4.21	5.07	3.87	7.75	4.11	5.21	52
5- 0x6-8	5.09	5.98	4.02	8.04	4.23	6.03	65
7-0	5.19	6.13	4.14	8.29	4.37	6.17	68
6- 0x6-8	5.31	6.06	4.27	8.54	4.52	6.32	73
7-0	5.40	6.21	4.40	8.79	4.66	6.46	75

All Frames rabbetted for Doors 1⅜" thick unless otherwise specified.

138-A

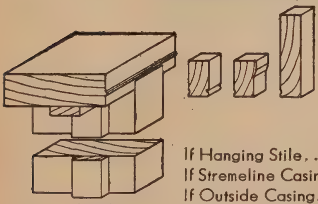
CIRCLE TOP DOOR FRAMES

Specifications same as above.
Rabbetted for doors 1¾" thick.

PRICES PER FRAME Door Size	Thick	5¼" Stud 138 or 138-A	9" Brick 138-B	Brick Ven. 138-D
2-8x6-8	1¾"	$9.00	$7.00	$8.00
2-10	"	9.25	7.25	8.25
3-0	"	9.50	7.50	8.50
3-0x7-0	"	9.75	7.75	8.75

138-B or
138-D

GARAGE DOOR FRAMES


138-K

Square edge Jambs with Rabbet Strips ¾x1¾"

No. 138-K—Jambs 1¾x5½" **8-0x8-0** and smaller	Each	$5.75
No. 138-M—Jambs 1¾x6⅛" **8-0x8-0** and smaller	"	6.95
If Hanging Stile, 1⅛x2"	is wanted, add per frame	.35
If Stremeline Casing 1⅜x2"	" " " " "	.50
If Outside Casing 1⅛x4½"	" " " " "	1.10

EXTRAS AND DEDUCTIONS FOR DOOR FRAMES

Frames for 5¼" Stud Wall (Nos. **138** or **138-A**) are regularly furnished with Oak Sills. If Oak Sills are wanted for other styles, add as follows:

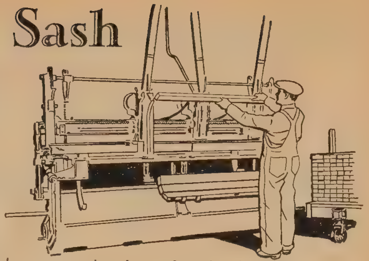
For 2-6 Doors, add	$0.90	For 3-0 Doors, add	$1.05
" 2-8 " "	.95	" 5-0 " "	1.85
" 2-10 " "	1.00	" 6-0 " "	1.95

" Reducing Jamb width, add	.65
" Wider Jamb—up to 7¼", add	25%
" Transom Opening, add	50%
" Circle, Gothic, Segment or Elliptic Head (other than above), add	9.40
" One Door and Two Side Light Openings, take three times single price.	

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

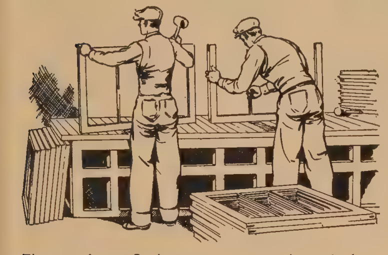
LOWER PRICES FOR CASH BUYERS

Windows and Sash

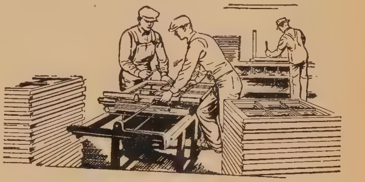


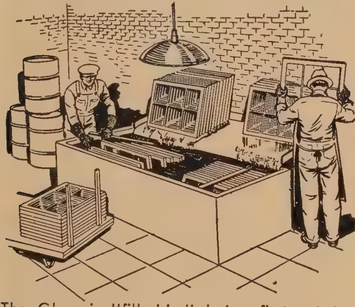
The manufacture of Windows or Sash is carried on simultaneously with the production of Doors for the reason that Sash use up the shorter and smaller cuttings which would otherwise be a waste product in a Door factory. This does not mean, however, that the grade of lumber used to make Sash is inferior to that required for Doors—on the contrary, Sash Stock has to be very carefully selected for texture and grain so that it will machine smoothly and fit together snugly. The kiln dried Ponderosa Pine lumber from which practically all Sash are made, is surfaced, ripped, cut and stored. "Cut stock" is later taken from the storage bins to be put through the factory in large "runs"—so that the machines can be set up several days on a single size.

The first operation is to work the various parts to pattern, which includes cutting the glass rabbet and putty lock groove as well as the O. G. moulding. This is done on a "Sticker" or Moulder as illustrated on page 69. Sash are all made mortise and tenon construction and one of the important machines in the process of manufacture is the multiple Chain Mortiser shown above. Storm Sash Stiles are loaded in a hopper and automatically fed through the machine—coming out at the bottom mortised at both ends and in the center, at one operation. Double End Tenoners, as shown on page 45, work the tenons on both ends of the rails simultaneously and after several other operations including ploughing and boring for Sash Cord, etc., the parts are ready to be "keyed-up."



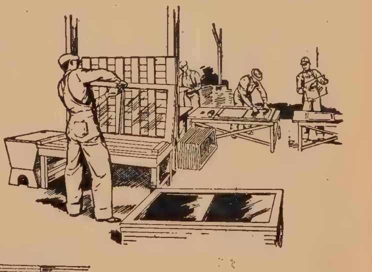
The various Sash parts are selected by bench men who stick them together by hand and get each Sash into its approximate shape as illustrated above. The Sash then go to the Clamps where they are drawn up to the exact size and are "squared-up" as shown at right. Care must be taken to see that the muntins are all in proper alignment and the Sash are then "pinned" at each joint with metal dowels after which they are removed from the clamps and sent to the Sanders. The Sash are fed through Triple Drum Sanders as shown at the bottom of page 23 and the check rail sides of windows are sanded on Disc Sanders.

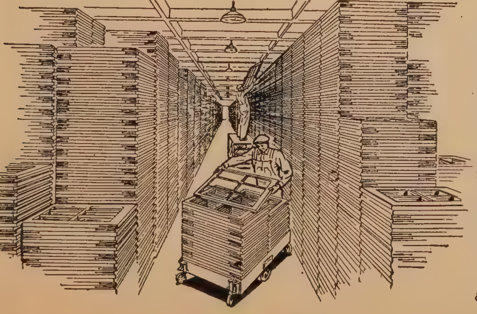




At this point, as described on page 9, modern science has injected a new operation consisting of immersing the completed Sash in a tank containing a chemical solution which destroys all fungus growth in the wood. The solution does not harm the Sash in any way but simply permeates the cell structure of the wood and poisons any living organism that may be there or that may attempt to work in later. The Sash thus treated are **Rot-proofed** as well as **Termite-proofed** and as the solution is a water repellent they are also **Moisture-proofed** and will positively not absorb moisture later on to cause swelling and sticking.

The Glass is "filled-in," being first cut to proper size if necessary, and is held in place with diamond shaped glaziers' points. The putty is spread or "run" by experts who know how to keep the putty at just the right consistency and who work with lightning speed. The faster they work, the smoother and more even is the finished job. A few minutes spent in the glazing room will convince anyone that factory glazing has many advantages both in cost and in finished appearance over glazing done on the job, where the temperature and other conditions cannot be controlled.



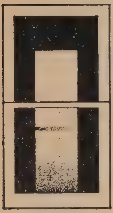


After being glazed, the Sash are stacked, putty side up, for several days until the putty sets and hardens, and they are then put in stock, from which the orders can be filled promptly as they come in. For shipment, all windows and sash are carefully and securely crated, with 200 lb. test Corrugated Board over all exposed glass surfaces. Breakage in transit is really no more serious than the breakage which usually occurs when glazing is done on the job, but where desired, the sash can be shipped "open" with the glass and putty boxed separately.

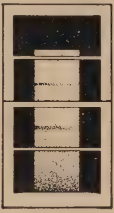
PONDEROSA PINE WINDOWS

TOX-I-SEALED

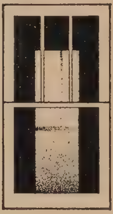
Made with Slightly Rounded Edges to Assist in Easy Fitting



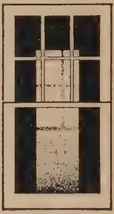
139
Regular
Two Light
Not Divided



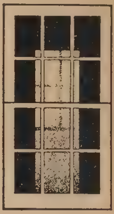
139-A
Top and
Bottom Divided
2 Lights High



140
Two Light
Top Divided
3 Lts. Wide

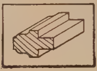


141
Two Light
Top Divided
6 Lts. 3W2H



142
Top and
Bottom Divided
6 Lts. 3W2H

MUNTIN BARS FOR DIVIDED LIGHTS IN ALL 2-LT. WINDOWS ARE 3/8" BETWEEN GLASS OR 3/4" OVERALL.



FLAT DRAWN GLASS OF APPROVED MANUFACTURE IS USED EXCLUSIVELY. ALL GLASS BEARS FACTORY LABELS.

Prices Per Window (or Pair of Sash)—1 3/8"—Two Light—Check Rail

Glass Sizes	Outside Measurements	No. 139 Open	No. 139 Glazed	No. 139-A Glazed	No. 140 Glazed	No. 141 Glazed	No. 142 Glazed
16x12	1-8x2-6	$0.94	**$1.23**	**$1.73**	**$1.39**	**$1.54**	**$1.85**
14	2-10	.94	**1.23**	**1.73**	**1.39**	**1.54**	**1.85**
16	3-2	.94	**1.23**	**1.73**	**1.39**	**1.54**	**1.85**
18	3-6	.98	**1.29**	**1.79**	**1.51**	**1.60**	**1.93**
20	3-10	1.00	**1.40**	**1.90**	**1.63**	**1.71**	**2.03**
24	4-6	1.06	**1.54**	**2.04**	**1.76**	**1.85**	**2.16**
26	4-10	1.10	**1.71**	**2.21**	**1.94**	**2.03**	**2.34**
28	5-2	1.13	**1.75**	**2.25**	**1.98**	**2.06**	**2.39**
30	5-6	1.16	**1.84**	**2.34**	**2.06**	**2.15**	**2.41**
18x12	1-10x2-6	.97	**1.16**	**1.66**	**1.33**	**1.48**	**1.79**
14	2-10	.98	**1.29**	**1.79**	**1.45**	**1.60**	**1.91**
16	3-2	1.00	**1.29**	**1.79**	**1.45**	**1.60**	**1.91**
18	3-6	1.00	**1.43**	**1.93**	**1.65**	**1.74**	**2.05**
20	3-10	1.04	**1.49**	**1.99**	**1.71**	**1.80**	**2.11**
24	4-6	1.10	**1.71**	**2.21**	**1.94**	**2.03**	**2.34**
26	4-10	1.13	**1.81**	**2.31**	**2.04**	**2.13**	**2.45**
28	5-2	1.16	**1.89**	**2.39**	**2.11**	**2.20**	**2.51**
30	5-6	1.19	**1.98**	**2.48**	**2.20**	**2.29**	**2.60**
20x12	2-0x2-6	.94	**1.20**	**1.70**	**1.36**	**1.53**	**1.83**
14	2-10	.98	**1.28**	**1.78**	**1.44**	**1.59**	**1.90**
16	3-2	1.00	**1.40**	**1.90**	**1.56**	**1.71**	**2.03**
18	3-6	1.04	**1.49**	**1.99**	**1.71**	**1.80**	**2.11**
20	3-10	1.06	**1.64**	**2.14**	**1.86**	**1.95**	**2.26**
22	4-2	1.10	**1.73**	**2.23**	**1.95**	**2.04**	**2.35**
24	4-6	1.13	**1.81**	**2.31**	**2.04**	**2.13**	**2.44**
26	4-10	1.16	**1.89**	**2.39**	**2.11**	**2.20**	**2.51**
28	5-2	1.19	**1.98**	**2.48**	**2.20**	**2.29**	**2.60**
30	5-6	1.23	**2.06**	**2.56**	**2.29**	**2.38**	**2.69**
22x16	2-2x3-2	1.04	**1.49**	**1.99**	**1.65**	**1.80**	**2.11**
18	3-6	1.06	**1.60**	**2.10**	**1.83**	**1.91**	**2.23**
20	3-10	1.10	**1.73**	**2.23**	**1.95**	**2.04**	**2.35**
22	4-2	1.13	**1.81**	**2.31**	**2.04**	**2.13**	**2.44**
24	4-6	1.16	**1.89**	**2.39**	**2.11**	**2.20**	**2.51**
26	4-10	1.19	**1.98**	**2.48**	**2.20**	**2.29**	**2.60**
28	5-2	1.23	**2.06**	**2.56**	**2.29**	**2.38**	**2.69**
30	5-6	1.25	**2.21**	**2.71**	**2.44**	**2.53**	**2.84**
24x12	2-4x2-6	1.00	**1.36**	**1.86**	**1.53**	**1.68**	**1.99**
14	2-10	1.04	**1.46**	**1.96**	**1.63**	**1.78**	**2.09**
16	3-2	1.06	**1.55**	**2.05**	**1.71**	**1.86**	**2.18**
18	3-6	1.10	**1.71**	**2.21**	**1.94**	**2.03**	**2.34**
20	3-10	1.13	**1.81**	**2.31**	**2.04**	**2.13**	**2.44**
22	4-2	1.16	**1.89**	**2.39**	**2.11**	**2.20**	**2.51**
24◀	4-6	1.19	➡**2.04**	➡**2.54**	➡**2.26**	➡**2.35**	➡**2.66**
26	4-10	1.23	**2.06**	**2.56**	**2.29**	**2.38**	**2.69**
28	5-2	1.25	**2.21**	**2.71**	**2.44**	**2.53**	**2.84**
30	5-6	1.29	**2.33**	**2.83**	**2.55**	**3.15**	**2.95**
32	5-10	1.38	**2.59**	**3.09**	**3.19**	**3.41**	**3.21**
26x16	2-6x3-2	1.10	**1.71**	**2.21**	**1.88**	**2.03**	**2.34**
18	3-6	1.13	**1.81**	**2.31**	**2.04**	**2.13**	**2.46**
20	3-10	1.16	**1.89**	**2.39**	**2.11**	**2.20**	**2.51**
22	4-2	1.19	**1.98**	**2.48**	**2.20**	**2.29**	**2.60**
24	4-6	1.23	**2.06**	**2.56**	**2.29**	**2.38**	**2.69**
26	4-10	1.25	**2.21**	**2.71**	**2.44**	**2.53**	**2.84**
28	5-2	1.29	**2.39**	**2.89**	**2.61**	**2.70**	**3.01**
30	5-6	1.31	**2.54**	**3.04**	**2.76**	**2.85**	**3.16**
32	5-10	1.41	**2.63**	**3.13**	**2.94**	**2.95**	**3.25**
28x16	2-8x3-2	1.13	**1.75**	**2.25**	**1.91**	**2.06**	**2.38**
18	3-6	1.16	**1.89**	**2.39**	**2.11**	**2.20**	**2.51**
20	3-10	1.19	**1.98**	**2.48**	**2.20**	**2.29**	**2.60**
22	4-2	1.23	**2.06**	**2.56**	**2.29**	**2.38**	**2.69**
24	4-6	1.25	**2.21**	**2.71**	**2.44**	**2.53**	**2.84**
26	4-10	1.29	**2.39**	**2.89**	**2.61**	**2.70**	**3.01**
28	5-2	1.31	**2.54**	**3.04**	**2.76**	**2.85**	**3.16**
30	5-6	1.35	**2.56**	**3.06**	**2.91**	**2.88**	**3.19**
32	5-10	1.45	**2.98**	**3.48**	**3.29**	**3.29**	**3.60**

(Continued on next page)

PONDEROSA PINE WINDOWS

Prices Per Window (or Pair of Sash)—1⅜"—Two Light—Check Rail

(Continued from opposite page)

Glass Sizes	Outside Measurements	No. 139 Open	No. 139 Glazed	No. 139-A Glazed	No. 140 Glazed	No. 141 Glazed	No. 142 Glazed
30x14	2-10x2-10	$1.13	$1.73	$2.23	$1.89	$2.04	$2.35
16	3-2	1.16	1.84	2.34	2.00	2.15	2.46
18	3-6	1.19	1.98	2.48	2.20	2.29	2.60
20	3-10	1.23	2.06	2.56	2.29	2.38	2.69
22	4-2	1.25	2.21	2.71	2.44	2.53	2.84
24	4-6	1.29	2.33	2.83	2.55	2.64	2.95
26	4-10	1.31	2.50	3.00	2.73	2.81	3.13
28	5-2	1.35	2.56	3.06	2.79	2.88	3.19
30	5-6	1.38	2.94	3.44	3.16	3.25	3.56
32	5-10	1.48	3.00	3.50	3.60	3.83	3.63
The following when Divided are 4 lt. wide or 4w2h							
32x20	3-0x3-10	1.31	2.25		2.55	2.68	3.09
24	4-6	1.35	2.58		2.88	3.00	3.41
26	4-10	1.41	2.60		2.90	3.03	3.44
28	5-2	1.45	2.98		3.28	3.40	3.81
30	5-6	1.48	3.00		3.30	3.43	3.84
32	5-10	1.62	3.24		3.66	3.66	4.08
36x20	3-4x3-10	1.38	2.45		2.75	2.86	3.29
24	4-6	1.45	2.80		3.10	3.23	3.64
26	4-10	1.48	3.00		3.30	3.41	3.84
28	5-2	1.51	3.24		3.54	3.66	4.08
30	5-6	1.55	3.26		3.55	3.69	4.10
32	5-10	1.68	3.59		3.88	4.01	4.43
40x20	3-8x3-10	1.66					3.88
24	4-6	1.69					3.90
26	4-10	1.73					4.16
28	5-2	1.76					4.48
30	5-6	1.81					4.51
32	5-10	1.84					4.86
The following when Divided are 5w2h							
48x20	4-4x3-10	1.84					6.10
24	4-6	1.84					6.10
26	4-10	1.87					6.13
28	5-2	1.91					6.80
30	5-6	1.94					6.83
32	5-10	1.98					6.85

Windows Divided with Metal (instead of Wood) Bars, see bottom of page 58

EXTRAS FOR STOCK WINDOWS

For Windows divided differently than above, figure as two odd sash—see page 57.
For Glazing Obscure add as follows to price of Windows Glazed Plain:

Lower Half only—glazed obscure	15%	Entire Window glazed obscure	30%
For Priming Putty Rabbets before Glazing, Add	5%	For Back Puttying	15%
For Bedding in Putty	10%	For "A" Quality Glass	15%

For Half Windows (upper or lower sash only)—take half price and add 20%.

Odd or Special Size Windows should be figured as two odd sash, see page 57.

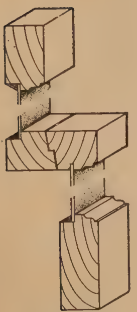
A few words about our *TOX-I-SEALED* Windows and Sash

After being completely machined and set up, and before they are glazed, all of our Sash and Windows are immersed in a tank of Toxic Chemicals which have exceptionally strong penetrating properties. The solution reaches every cell of the wood and instantly kills any fungus growth (ROT or DECAY) or insects (TERMITES). As the solution contains a water repellent (see page 9), the Sash are also MOISTURE-PROOFED which keeps them from swelling and sticking. TOX-I-SEAL is colorless and odorless, stays in the wood permanently, and prevents the return of any new fungus growth or termites, yet the treated wood is in no way impaired for paint, stain or varnish finish, in fact TOX-I-SEALED Sash need not be primed before they are hung.

TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG.U.S. PAT.OFF.

Windows for STREMELINE Frames

Come PREFITTED and GROOVED for the Weatherstrip

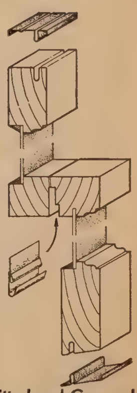


Not Prefitted or Grooved For Wethertite Frames

The edges are carefully and accurately machined to receive the ribs of the Weatherstrip with just enough clearance to allow the Sash to operate easily without permitting air leakage. Holes are bored at proper points for the installation of the Equalizer Springs and Maple Buttons (which come with the Balances). The top edges of the Top Rails and the bottom edges of the Bottom Rails are machined to insure an air-tight fit when Sash are closed. Bottom Rails are given proper pitch for Sill. Check Rails are prepared to receive the Hook Strips which come with the Weatherstrip.

The **COST** of prefitting is **INCLUDED** in the prices of Stremeline Frames.

Windows for Wethertite Frames are **NOT** prefitted.



Prefitted and Grooved For Stremeline Frames

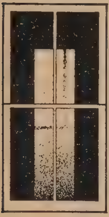
4 LT. – 8 LT. – 12 LT. WINDOWS

Clear Ponderosa Pine *TOX-I-SEALED*

Made with Slightly Rounded Edges to Assist in Easy Fitting

GLAZED WITH FLAT DRAWN GLASS—PRICES PER WINDOW

No. 143 • 1⅜″ 4 Light Check Rail


143

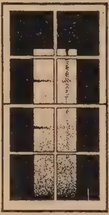
Muntin Bars ⅞″ between Glass

Glass Size	Outside Measure	No. 143 Glazed
10x20	2-1x3-10	$1.78
22	4-2	1.84
24	4-6	1.95
26	4-10	2.10
28	5-2	2.19
30	5-6	2.28
32	5-10	2.74
12x16	2-5x3-2	1.73
20	3-10	1.93
22	4-2	2.04
24	4-6	2.21
12x26	2-5x4-10	$2.30
28	5-2	2.43
30	5-6	2.60
32	5-10	2.74
14x20	2-9x3-10	2.06
22	4-2	2.30
24	4-6	2.41
26	4-10	2.48
28	5-2	2.74
30	5-6	2.83
32	5.10	3.00

No. 144 • 1⅜″
8 Light Check Rail

Muntin Bars, Horizontal 3/16″
Vertical ⅞″ between glass

Glass Size	Outside Measure	No. 144 Glazed
8x10	1- 9x3-10	$1.80
12	4-6	1.93
9x12	1-11x4-6	2.01
14	5-2	2.16
16	5-10	2.65
10x12	2- 1x4-6	2.10
14	5-2	2.28
16	5-10	2.65
12x14	2- 5x5-2	2.63
16	5-10	2.85
20	7-2	3.53


144 144-X

No. 144-X • 1⅛″
8 Light Plain Rail

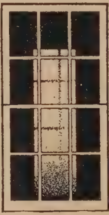
Muntin Bars, Horizontal 3/16″
Vertical ⅞″ between glass

Glass Size	Outside Measure	No. 144-X Glazed
8x10	1- 8½x3-10	$1.63
9x12	1-10½x4-6	1 84
14	5-2	1.99
16	5-10	2.45
10x12	2- 0½x4-6	1.93
14	5-2	2.08
16	5-10	2.45
12x14	2- 4½x5-2	2.43
16	5-10	2.65

No. 145 • 1⅜″
12 Light Check Rail

Muntin Bars 3/16″ between glass

Glass Size	Outside Measure	No. 145 Glazed
7x 9	2- 1½x3-6	$2.05
8x 8	2- 4½x3-2	2.05
10	3-10	2.34
12	4-6	2.51
14	5-2	2.63
9x12	2- 7½x4-6	2.56
13	4-10	2.68
14	5-2	2.75
15	5-6	2.89
16	5-10	3.03
10x12	2-10½x4-6	2.80
14	5-2	2.93
15	5-6	3.05
16	5-10	3.44
12x14	3- 4½x5-2	3.48
16	5-10	3.76
18	6-6	4.05


145 145-X

No. 145-X • 1⅛″
12 Light Plain Rail

Muntin Bars 3/16″ between glass

Glass Size	Outside Measure	No. 145-X Glazed
8x10	2- 4x3-10	$2.08
12	4-6	2.25
9x12	2- 7x4-6	2.36
14	5-2	2.56
10x12	2-10x4-6	2.49
14	5-2	2.73

NOTE

For 12 Light Check Rail Windows to fit **OUR FRAMES** use only Windows No. **142** on pages 54 and 55.

SASH WEIGHT TABLE

Each Window or Pair of Sash requires **4** Weights each of size shown below.

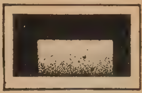
2 Light Windows, Plain or Divided								4-Lt. Windows				8-Lt. Windows	
Glass Size	Wt. (lbs.)	Glass Size	Wt. (lbs.)	Glass Size	Wt. (lbs.)	Glass Size	Wt. (lbs.)	Glass Size	Wt. (lbs.)	Glass Size	Wt. (lbs.)	Glass Size	Wt. (lbs.)
14x16	2½	20x14	3	24x26	5½	30x18	5	40x30	10	14x20	5	12x14	6
18	3	16	3	28	6	20	5½	32	10½	22	5½	16	6
20	3	18	3½	30	6½	22	6	48x20	9	24	6	18	7
22	3	20	4	32	6½	24	6½	24	10	26	6	14x16	7
24	3½	22	4	26x16	4	26	6½	26	10½	28	6½	18	8
26	3½	24	4½	18	4½	28	7	28	11	30	7	20	9
28	4	26	5	20	5	30	7½	30	11½	32	7½	**12-Lt. Wind.**	
16x12	2	28	5½	22	5	32	8	32	12	34	8	7x 9	4
14	2½	30	5½	24	5½	32x20	6	**4-Lt. Wind.**		36	8	8x10	5
16	2½	22x16	3½	26	6	24	6½	10x20	4	15x24	6	12	5
18	3	18	3½	28	6	26	7	24	4½	26	6½	14	5½
20	3	20	4	30	6½	28	7½	26	5	28	7	9x12	5½
24	3½	22	4½	32	7	30	8	28	5	30	7½	14	6
26	4	24	5	28x16	4	32	8½	12x16	4	32	8	15	6½
28	4	26	5	18	4½	36x20	6½	18	4½	36	8½	16	7
30	4½	28	5½	20	5½	24	7	20	4½	**8-Lt. Wind.**		10x12	6
18x16	3	30	5½	22	5½	26	8	22	5	8x10	3½	14	6½
18	3½	24x12	3	24	6	28	8	24	5	12	3½	15	7
20	3½	14	3	26	6	30	9	26	5½	14	4	16	7½
24	4	16	3½	28	6½	32	10	28	5½	9x12	4½	18	8
26	4½	18	4	30	7	40x20	7½	30	6	14	4½	12x14	8
28	4½	20	4½	32	7½	24	8½	32	6½	10x12	4½	16	9
30	5	22	5	30x14	4	26	9	34	6½	14	5	18	9½
20x12	2½	24	5	16	4½	28	9½	36	7	16	5½	20	10

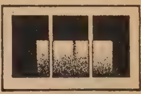
SINGLE AND ODD SASH

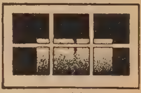
Clear Ponderosa Pine – *TOX-I-SEALED*

PRICES PER SASH—1⅜″ THICK—OPEN OR GLAZED WITH FLAT DRAWN GLASS

Glass Size	Outside Measurements	No. 146 Open	No. 146 Glazed	No. 147 Glazed	No. 148 Glazed
16x20	1-8x2-1	$0.59	**$0.79**	**$1.01**	**$1.10**
24	2-5	.61	**.84**	**1.06**	**1.15**
18x18	1-10x1-11	.59	**.79**	**1.01**	**1.10**
20	2-1	.61	**.84**	**1.06**	**1.15**
24	2-5	.63	**.93**	**1.15**	**1.24**
20x16	2-0x1-9	.59	**.79**	**1.01**	**1.10**
18	1-11	.61	**.84**	**1.06**	**1.15**
20	2-1	.63	**.93**	**1.15**	**1.24**
24	2-5	.64	**.99**	**1.21**	**1.30**
26	2-7	.65	**1.01**	**1.23**	**1.33**
24x16	2-4x1-9	.61	**.85**	**1.08**	**1.16**
18	1-11	.63	**.93**	**1.15**	**1.24**
20	2-1	.64	**.99**	**1.21**	**1.30**
24	2-5	.65	**1.08**	**1.30**	**1.39**
26	2-7	.66	**1.10**	**1.33**	**1.41**
28	2-9	.69	**1.16**	**1.39**	**1.48**
30	2-11	.70	**1.23**	**1.45**	**1.54**
26x24	2-6x2-5	.68	**1.10**	**1.31**	**1.41**
26	2-7	.69	**1.16**	**1.39**	**1.48**
28	2-9	.70	**1.28**	**1.50**	**1.59**
30	2-11	.73	**1.34**	**1.56**	**1.65**
28x20	2-8x2-1	.66	**1.05**	**1.28**	**1.36**
28	2-9	.73	**1.34**	**1.56**	**1.65**
30	2-11	.74	**1.36**	**1.59**	**1.68**
30x16	2-10x1-9	.65	**.99**	**1.21**	**1.30**
18	1-11	.66	**1.05**	**1.28**	**1.36**
20	2-1	.68	**1.10**	**1.31**	**1.41**
24	2-5	.71	**1.23**	**1.45**	**1.54**
28	2-9	.74	**1.36**	**1.59**	**1.68**
30	2-11	.75	**1.55**	**1.79**	**1.86**


146


147


148

FOR OTHER SIZES OF CASEMENT SASH SEE PAGE 58

ODD SASH RULE

"Windows" or "Pairs of Sash" count same as two Sash.

PRICES PER SQUARE FOOT (OUTSIDE MEASURE)—USING TABLE BELOW.

	UP TO				
1⅛″ or 1⅜″ Thick	2 sq. ft.	3 sq. ft.	4 sq. ft.	8 sq. ft.	Larger
Open	**49c**	**35c**	**30c**	**16c**	**11c**
Glazed S.S.	**63c**	**49c**	**44c**	**30c**	**25c**
Glazed D.S.	**69c**	**55c**	**51c**	**38c**	**31c**
1¾″ Thick					
Open	**55c**	**41c**	**36c**	**25c**	**16c**
Glazed S.S.	**69c**	**55c**	**50c**	**39c**	**30c**
Glazed D.S.	**76c**	**63c**	**56c**	**45c**	**38c**

ADD FOR DIVIDED LIGHTS
(Per Light)

Style	1⅛″ or 1⅜″	1¾″
Rectangular	**14c**	**16c**
Vertical	**20c**	**23c**
Marginal	**16c**	**20c**

Glazed Obscure same price as Glazed D.S.

ODD SASH ***CANNOT*** BE SHIPPED AS QUICKLY AS STOCK SASH CAN

SQUARE FOOT TABLE

For Odd or Fractional Inches use next size given in Table. For smaller sizes see page 151.

LENGTHS (Up To)	WIDTHS (Up To) **1-0**	**1-4**	**1-8**	**2-0**	**2-4**	**2-8**	**3-0**	**3-4**	**3-8**	**4-0**	**4-4**	**4-8**	**5-0**
1-0	1	1½	2	2	2½	3	3	3½	4	4	4½	5	5
1-4	1½	2	2½	3	3½	4	4	4½	5	5½	6	6½	7
1-8	2	2½	3	3½	4	4½	5	6	6½	7	7½	8	8½
2-0	2	3	3½	4	5	5½	6	7	7½	8	9	9½	10
2-4	2½	3½	4	5	5½	6½	7	8	9	9½	10½	11	12
2-8	3	4	4½	5½	6½	7½	8	9	10	11	12	12½	13½
3-0	3	4	5	6	7	8	9	10	11	12	13	14	15
3-4	3½	4½	6	7	8	9	10	11½	12½	13½	14½	16	17
3-8	4	5	6½	7½	9	10	11	12½	13½	15	16	17½	18½
4-0	4	5½	7	8	9½	11	12	13½	15	16	17½	19	20
4-4	4½	6	7½	9	10½	12	13	14½	16	17½	19	20½	22
4-8	5	6½	8	9½	11	12½	14	16	17½	19	20½	22	23½
5-0	5	7	8½	10	12	13½	15	17	18½	20	22	23½	25
5-4	5½	7½	9	11	12½	14½	16	18	20	21½	23½	25	27
5-8	6	8	9½	11½	13½	15½	17	19	21	23	25	26½	28½
6-0	6	8	10	12	14	16	18	20	22	24	26	28	30
6-4	6½	8½	11	13	15	17	19	21½	23½	25½	27½	30	32
6-8	7	9	11½	13½	16	18	20	22½	24½	27	29	31½	33½
7-0	7	9½	12	14	16½	19	21	23½	26	28	30½	33	35
7-4	7½	10	12½	15	17½	20	22	24½	27	29½	32	34½	37
7-8	8	10½	13	15½	18	20½	23	26	28½	31	33½	36	38½
8-0	8	11	13½	16	19	21½	24	27	29½	32	35	37½	40

A few words about our *TOX–I–SEALED* Windows and Sash

After being completely machined and set up, and before they are glazed, all of our Sash and Windows are immersed in a tank of Toxic Chemicals which have exceptionally strong penetrating properties. The solution reaches every cell of the wood and instantly kills any fungus growth (**ROT** or **DECAY**) or insects (**TERMITES**). As the solution contains a water repellent (see page 9), the Sash are also **MOISTURE-PROOFED** which keeps them from swelling and sticking. **TOX-I-SEAL** is colorless and odorless, stays in the wood permanently, and prevents the return of any new fungus growth or termites, yet the treated wood is in no way impaired for paint, stain or varnish finish, in fact **TOX-I-SEALED** Sash need not be primed before they are hung.

TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG. U.S. PAT. OFF.

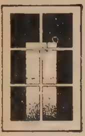
CASEMENT OR PORCH SASH

Clear Ponderosa Pine – *TOX-I-SEALED*

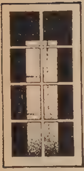
GLAZED WITH FLAT DRAWN GLASS

PRICES PER SASH — 1⅜" THICK — Also priced **Per Pair,** Rabbetted to Swing **Out**
If rabbetted to **Swing In** — same price — but specify in ordering.

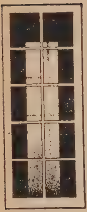
English



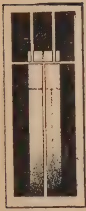
149



150

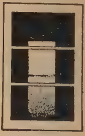


151

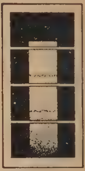


152

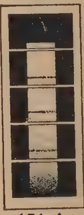
Modernistic



149-A
Same Price
as **149**



150-A
Same Price
as **150**



151-A
Same Price
as **151**

No.	Glass Size	Size of Each Sash	Price per Sash Glazed	Opening Size of Pair Rabbetted	Price per Pair Glazed
149	6x 8	1- 4¼x2- 5½	$0.94	2- 8x2- 5½	$2.08
“	6x10	2-11½	1.05	2-11½	2.30
“	Odd	1- 5¼x3- 4	1.31	2-10x3- 4	2.82
“	7x12	1- 6¼x3- 5½	1.28	3- 0x3- 5½	2.76
“	8x 8	1- 8¼x2- 5½	1.14	3- 4x2- 5½	2.48
“	8x10	2-11½	1.14	2-11½	2.48
“	8x12	3- 5½	1.28	3- 5½	2.76
“	8x14	3-11½	1.43	3-11½	3.06
“	9x12	1-10¼x3- 5½	1.34	3- 8x3- 5½	2.88
“	9x14	3-11½	1.49	3-11½	3.18
“	10x10	2- 0¼x2-11½	1.40	4- 0x2-11½	3.00
“	10x12	3- 5½	1.40	3- 5½	3.00
“	10x14	3-11½	1.55	3-11½	3.30
“	10x16	4- 5½	1.86	4- 5½	3.92
“	12x14	2- 4¼x3-11½	1.88	4- 8x3-11½	3.96
“	12x16	4- 5½	2.01	4- 5½	4.22
150	Odd	1- 5¼x3-10	1.58	2-10x3-10	3.36
“	8x10	1- 8¼x3- 9¾	1.60	3- 4x3- 9¾	3.40
“	8x12	4- 5¾	1.73	4- 5¾	3.66
“	9x12	1-10¼x4- 5¾	1.80	3- 8x4- 5¾	3.80
“	10x10	2- 0¼x3- 9¾	1.89	4- 0x3- 9¾	3.98
“	10x12	4- 5¾	1.89	4- 5¾	3.98
“	10x14	5- 1¾	2.06	5- 1¾	4.32
“	11x12	2- 2¼x4- 5¾	2.43	4- 4x4- 5¾	5.06
“	11x14	5- 1¾	2.43	5- 1¾	5.06
“	12x12	2- 4¼x4- 5¾	2.43	4- 8x4- 5¾	5.06
“	12x14	5- 1¾	2.43	5- 1¾	5.06
151	Odd	1- 5¼x4- 6	2.03	2-10x4- 6	4.26
“	“	4-10	2.16	4-10	4.52
“	“	5- 2	2.30	5- 2	4.80
“	“	5- 6	2.33	5- 6	4.86
152	“	1- 8¼x2-11½	1.46	3-4x2-11½	3.12
“	“	1- 8¼x4-0	1.95	3-4x4-0	4.10
“	“	1-10¼	1.95	3-8	4.10
“	“	2- 0¼	1.95	4-0	4.10
“	“	2- 2¼	2.25	4-4	4.70
“	“	2- 4¼	2.08	4-8	4.36
“	“	2- 6¼	2.43	5-0	5.06
“	“	2-10¼	2.68	5-8	5.56
“	“	1- 8¼x4-5¾	1.89	3-4x4-5¾	3.98
“	“	1-10¼	2.01	3-8	4.22
“	“	2- 0¼	2.15	4-0	4.50
“	“	2- 2¼	2.25	4-4	4.70
“	“	2- 4¼	2.30	4-8	4.80
“	“	2- 6¼	2.43	5-0	5.06
“	“	2- 8¼	2.53	5-4	5.26
“	“	2-10¼	2.68	5-8	5.56
“	“	3- 0¼	2.78	6-0	5.76
“	“	1- 8¼x5-1¾	2.13	3-4x5-1¾	4.46
“	“	1-10¼	2.34	3-8	4.88
“	“	2- 0¼	2.45	4-0	5.10
“	“	2- 2¼	2.55	4-4	5.30
“	“	2- 4¼	2.60	4-8	5.40
“	“	2- 6¼	2.85	5-0	5.90
“	“	2- 8¼	2.88	5-4	5.96
“	“	2-10¼	3.08	5-8	6.36
“	“	3- 0¼	3.11	6-0	6.42

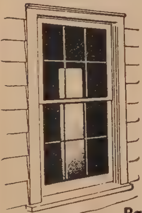
For Other Sizes Use Odd Sash Rule at Bottom of Page 57

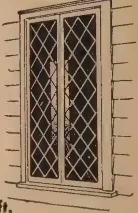
For Glazing Obscure, add to Glazed price	15%
For Rabbetting Bottom Rails, add per sash	15c
(Rabbetting Sash in pairs is included in price of **pairs** above)	
For Water Drip, Loose, add per sash	5c
For Water Drip, dovetailed in and attached to sash, add per sash	50c

Whitco Sash Hangers Swing Sash Successfully—see page 145

WINDOWS, SASH OR DOORS DIVIDED WITH HARD METAL BARS

Clear D. S. A. Flat Drawn Glass Set in Flat Zinc Bars





HOW TO ARRIVE AT PRICES

Add to the prices of regular 2 Lt. **Open** Window No. **139** (page 54), or 1 Lt. **Open** Sash No. **146** (page 57), or of Steel Casement Sash (page 131), or of any **Open** French or Glass Door (pages 97 to 99) as follows:

Base figures on area of Glass affected—use Square Foot Table on pages 57 or 151 (minimum **2** square feet per light).

ENGLISH ONLY
37c UP
Per Sq. Ft.

ENGLISH GLAZING

Bars 3/16" wide	Per sq. ft.	Bars ⅜" wide...	Per sq. ft.
Over 5"x8" Rect.	37c	Over 5"x8" Rect.	44c
“ 4"x6" “	40c	“ 4"x6" “	47c
“ 3"x5" “	43c	“ 3"x5" “	50c

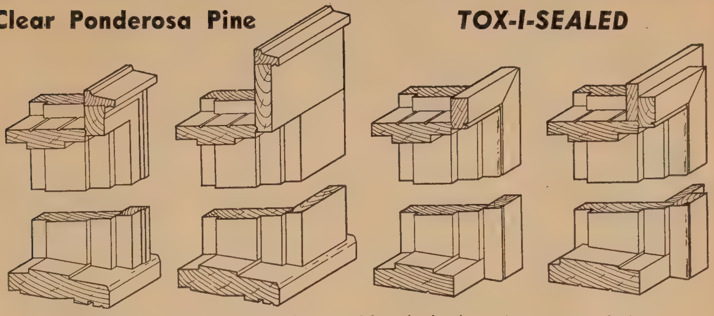
FRENCH GLAZING

Bars 3/16" wide	Per sq. ft.	Bars ⅜" wide	Per sq. ft.
Over 5"x8" Diam.	59c	Over 5"x8" Diam.	73c
“ 4"x6" “	67c	“ 4"x6" “	80c
“ 3"x5" “	80c	“ 3"x5" “	94c

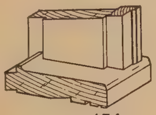
FRENCH ONLY
59c UP
Per Sq. Ft.

CASEMENT SASH FRAMES

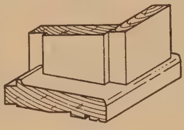
Clear Ponderosa Pine ***TOX-I-SEALED***



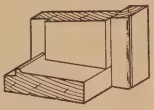
"**Swing Out**" Sills are shown above and furnished unless otherwise specified.
"**Swing In**" Sills, as shown below, can be furnished at same price when so ordered.



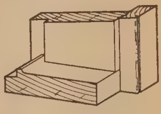
154



155



156—156-A



157

Frame No. 154 —Stremeline for 5¼" Stud Wall. Moulded Outside Casing 1⅜x2", Drip Cap 1⅛x1⅝", Jambs 1⅜x5¼" and Sill 1⅝x7¼".

Frame No. 155 —Wethertite for 5¼" Stud Wall. Outside Casings 1⅛x4½", Drip Cap 1⅛x1⅝", Jambs 1⅜x5¼", and Sill 1⅝x7¼".

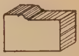
Frame No. 156 —For 9" Brick or Cement Block Wall. Hanging Stiles 1⅛x2"*, Jambs 1⅜x5¼" and Sills 1⅝x5⅝".

Frame No. 156-A—For 13" Brick Wall. Hanging Stiles 1⅛x2"*, Jambs 1⅝x9¼" Sills 1⅝x9⅝".

Frame No. 157 —For 10" Brick Veneered Wall. Hanging Stiles 1⅛x2"*, Jambs 1⅜x6". Outside Linings (Head) ¾x2⅝", (Sides) ¾x3½", Sill 1⅝x6⅜".

Each Single Frame comes in 2 strong bundles; Mullion Frames in 3, etc.

* When **"Stremeline"** Window Frames for Brick or Brick Veneered Walls are ordered (see page **46**) we furnish Moulded Outside Casing 1⅜x2" for Sash Frames to match that used on Window Frames.



Prices per Frame No. 154
Frame No. 155 add 10% to prices below
Frame No. 156 deduct 10% from prices below
Frame No. 156-A add 50% to prices below
Frame No. 157 add 20% to prices below

For smaller or intermediate sizes take price of next larger listed size.

For **Single Sash** (page 57)

Sash Opening	Price
1-4x1-9	$1.91
1-11	2.00
2-1	2.07
2-5	2.22
2-0x1-9	2.17
1-11	2.25
2-1	2.31
2-5	2.47
2-7	2.56
2-4x1-9	2.38
1-11	2.45
2-1	2.54
2-5	2.68
2-7	2.77
2-9	2.84
2-11	2.93
2-6x2-5	2.77
2-8x2-1	2.73
2-5	2.89
2-9	3.03
2-10x1-9	2.65
1-11	2.73
2-1	2.81
2-5	2.95
3-4x1-9	2.93
1-11	3.00
2-1	3.08
3-8x1-9	3.07
2-1	3.22

For **Single Casement Sash** (Page 58)

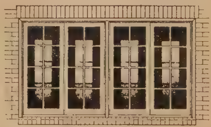
Sash Opening	Price
1-8¼x2-5½	$2.49
2-11½	2.84
3-5½	3.09
3-9¾	3.26
3-11½	3.44
4-5¾	3.70
5-1¾	4.05
1-10¼x3-5½	3.16
4-5¾	3.76
5-1¾	4.11
5-2	4.11
2-0¼x3-5½	3.33
3-11½	3.66
4-5½	3.92
4-5¾	3.92
5-1¼	4.27
5-1¾	4.27
2-2¼x4-5¾	3.98
5-1¾	4.34
2-4¼x4-5¾	4.05
5-1¾	4.40
2-6¼x4-5¾	4.18
5-1¾	4.53
2-8¼x4-5¾	4.25
5-1¾	4.60
2-10¼x4-5¾	4.32
5-1¾	4.67
3-0¼x4-5¾	4.40
5-1¾	4.74

For **Pairs of Casement Sash** (Page 58)

Sash Opening	Price
3-4x2-5½	$3.31
2-11½	3.68
3-5½	3.92
3-9¾	4.10
3-11½	4.25
4-5¾	4.53
5-1¾	4.87
3-8x3-5½	4.06
4-5¾	4.67
5-1¾	5.01
5-2	5.01
4-0x3-5½	4.21
3-11½	4.56
4-5½	4.82
4-5¾	4.82
5-1¼	5.15
5-1¾	5.15
4-4x4-5¾	4.96
5-1¾	5.31
4-8x4-5¾	5.12
5-1¾	5.46
5-0x4-5¾	5.26
5-1¾	5.62
5-4x4-5¾	5.40
5-1¾	5.76
5-8x4-5¾	5.57
5-1¾	5.90
6-0x4-5¾	5.72
5-1¾	6.07

MULTIPLE FRAMES – 1⅝" Outside Mullion Casing

Mullion Frames....**2**	times the Single Frame price and add	$0.25
Triple Frames......**3**	" " " " " " "	.70
Quadruple Frames.**4**	" " " " " "	1.10
Quintette Frames..**5**	" " " " " " "	1.60

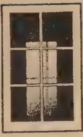


BARN OR GARAGE SASH

Clear Ponderosa Pine *TOX-I-SEALED*

PRICES PER SASH—GLAZED WITH FLAT DRAWN GLASS

6—Six Light—2w3h

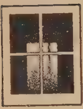


158
1⅛" thick
158-A
1⅜" thick

Glass Size	Sash Opening	No. 158 1⅛" thick	No. 158-A 1⅜" thick
6x 8	1- 4¼x2- 5½		$0.94
10	2-11½	$0.99	1.05
7x10	1- 6¼x2-11½		1.28
12	3- 5½	1.19	1.28
8x 8	1- 8¼x2- 5½		1.14
10	2-11½	1.05	1.14
12	3- 5½	1.19	1.28
14	3-11½		1.43
9x12	1-10¼x3- 5½	1.23	1.34
14	3-11½		1.49
10x10	2- 0¼x2-11½		1.40
12	3- 5½	1.29	1.40
14	3-11½	1.45	1.55
16	4- 5½		1.86
12x14	2- 4¼x3-11½	1.78	1.88
16	4- 5½		2.01

94c
and up
Glazed

4—Four Light—2w2h



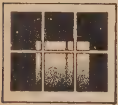
159
1⅛" thick
159-A
1⅜" thick

Glass Size	Sash Opening	No. 159 1⅛" thick	No. 159-A 1⅜" thick
7x 9	1- 6x1-11	$0.68	$0.78
8x10	1- 8x2-1	.80	.86
12	2-5	.86	.93
14	2-9	.94	.99
9x12	1-10x2-5	.91	.98
14	2-9	.98	1.04
16	3-1	1.06	1.15
10x10	2- 0x2-1	.86	.93
12	2-5	.98	1.01
14	2-9	1.03	1.10
16	3-1	1.23	1.30
12x12	2- 4x2-5	1.05	1.10
14	2-9	1.23	1.30
16	3-1	1.33	1.41

68c
and up
Glazed

TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG. U.S. PAT. OFF.

6—Six Light—3w2h

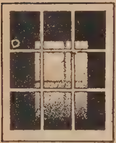


159-B
1⅛" thick
159-C
1⅜" thick

Glass Size	Sash Opening	No. 159-B 1⅛" thick	No. 159-C 1⅜" thick
7x 9	2- 1x1-11	$0.94	$1.01
8x10	2- 4x2-1	1.05	1.11
12	2-5	1.14	1.20
16	3-1	1.35	1.44
9x12	2- 7x2-5	1.20	1.28
14	2-9	1.29	1.38
16	3-1	1.41	1.53
10x12	2-10x2-5	1.26	1.34
14	2-9	1.36	1.46
15	2-11	1.41	
16	3-1	1.68	1.79
12x14	3- 4x2-9	1.73	1.84
16	3-1	1.83	1.96

94c
and up
Glazed

9—Nine Light—3w3h



159-D
1⅜" thick

Glass Size	Sash Opening	No. 159-D 1⅜" thick
6x 8	1-10x2-5	$1.31
7x 9	2- 1x2-8	1.44
8x10	2- 4x2-11	1.58
12	3-5	1.75
9x12	2- 7x3-5	1.86
10x12	2-10x3-5	1.95

$131
and up
Glazed

One Light Transoms

No. 160

160

Opening	Thick	Glazed
2-6x1-2	1⅜"	$0.68
1-4	“	.73
2-8x1-0	“	.66
1-2	“	.70
1-4	“	.75
1-6	“	.85

If 1¾" Thick, add 25c each

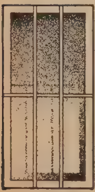
Opening	Thick	Glazed
2-10x1-0	1⅜"	$0.70
1-2	“	.73
1-4	“	.81
1-6	“	.88
3- 0x1-0	“	.75
1-2	“	.81
1-4	“	.88

66c
and up
Glazed

AVERAGE WEIGHT OF ABOVE SASH—10 LBS. EACH

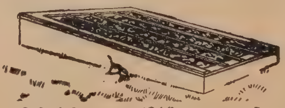
HOT BED SASH

Clear Ponderosa Pine *TOX-I-SEALED*



160-A

$236 EACH
OPEN



$388 EACH
GLAZED

No. 160-A......3-0x6-0.......1⅜".......3 Rows of 10" glass.

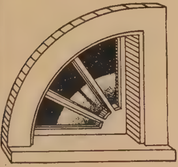
MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

GABLE SASH AND FRAMES

Clear Ponderosa Pine *TOX-I-SEALED*

FRAMES have 1⅛x3″ Outside Casings and can be used in either Stud, Brick or Brick Veneered Walls. Jambs are 5¼″ wide. Made for Sash to swing IN. Both Frames and Sash are made to show circle outside but square inside. All SASH are 1⅜″ thick glazed with flat drawn glass. Each Frame with its Glazed Sash fitted in place is packed complete in a carton.

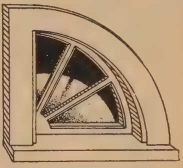
QUARTER CIRCLE

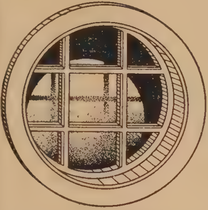

Left Hand

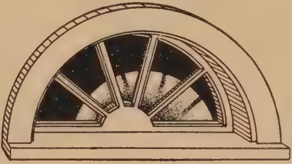
In ordering, specify whether **Right** or **Left** hand wanted. On orders for 2 sash or multiples, we ship in pairs unless otherwise specified.

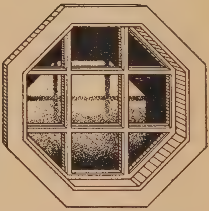
No. 161-A. Wt. 20 lbs. Sash opening **1-6x1-6** Frame and Sash Glazed. **$5.10**

No. 161-B. Wt. 30 lbs. Sash opening **2-0x2-0.** Frame and Sash Glazed. **$5.95**


Right Hand







FULL CIRCLE

Full circle outside and inside

No. 161-E
Sash opening
2-0x2-0
Wt. 24 lbs.
Frame and Sash

$14.30

HALF CIRCLE

No. 161-C
Sash opening
3-0x1-6
Weight 32 lbs.
Frame and Sash **$7.55**

No. 161-D
Sash opening
4-0x2-0
Weight 48 lbs.
Frame and Sash **$10.75**

OCTAGON

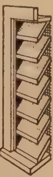
Octagon outside and inside

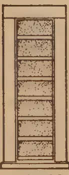
No. 161-F
Sash opening
2-0x2-0
Wt. 20 lbs.
Frame and Sash

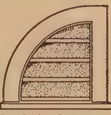
$11.50

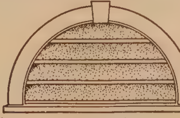
VENTILATORS OR LOUVRES

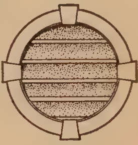
Needed in every house to equalize the moisture content of the interior and the exterior air, thus preventing excess condensation in the winter and providing for a constant air change in the summer.


Section


161-H
Rectangular


161-L Left Hand
Quarter Circle


161-M
Half Circle


161-N
Full Circle

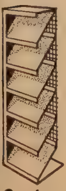
Can be used in Frame, Brick or Brick Veneered Walls as Outside Casings are 1⅛x2, Jambs 5¼ wide and Slats ⅝″ thick. All parts are Clear Ponderosa Pine, ***TOX-I-SEALED.*** Completely set up and fitted with bronze screen on back. Quarter, Half and Full Circle Louvres show circle outside but are square inside. Average weight 30 lbs. Individually carton packed.

No.	Slat Area	Wall Opening	Price Each
161-H	1-0x2-0	1- 4x2- 4	**$3.50**
161-L*	1-6x1-6	1-10x1-10	**3.85**
161-M	3-0x1-6	3- 4x1-10	**6.20**
161-N	2-0x2-0	2- 4x2- 4	**7.80**

* In ordering Quarter Circle Louvres, specify whether **Right** or **Left** Hand wanted. On orders for 2 Louvres or multiples, we ship in pairs unless otherwise specified.

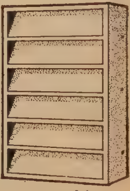
METAL LOUVRES

Made of 20-gauge steel, painted 2 coats of rust-resisting paint. Equipped with bronze screen on back. Can be used in Frame, Brick or Brick Veneered walls and are sized to avoid cutting brick. Sides have holes drilled for nailing to studs. For attic ventilation 12½ square inches of free area is recommended per 100 sq. ft. of floor area.


Section

No. 161-X—Packed 2 to a carton—no cartons broken

Size	Act. Wall Opg.	Free Area	Weight	Each
8x11	8⅛x11⅛″	23 sq. in.	9 lbs.	**$1.73**
8x16	8⅛x16¼″	42 " "	12 "	**1.87**
8x24	8⅛x24″	70 " "	18 "	**2.67**
12x14	12⅝x13 11/16″	56 " "	13 "	**2.00**
12x19	12⅝x18 13/16″	84 " "	17 "	**2.20**
12x24	12⅝x24″	115 " "	21 "	**3.00**
12x30	12⅝x30″	144 " "	25 "	**3.67**
18x24	18⅛x24″	148 " "	29 "	**3.47**
18x30	18⅛x30″	190 " "	35 "	**3.93**
18x36	18⅛x35¾″	234 " "	41 "	**4.67**
Quar. Circle	14⅛x15¼″	56 " "	15 "	**4.67**
Half Circle	28⅛x15¼″	116 " "	25 "	**5.47**

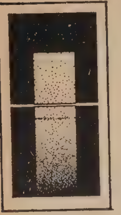

Exterior View

Note: Quarter Circle Louvres are packed 1 Right and 1 Left to the carton

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

STORM SASH AND SCREENS

Clear Ponderosa Pine – 1 1/8" Thick – *TOX-I-SEALED*



162

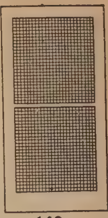
$103 UP

STORM SASH have Stiles and Top Rails 2" wide, Center Rails 1" wide and Bottom Rails 5¼" wide (to accommodate vents when required). We use Flat Drawn Glass in Storm Sash and glaze horizontally "with the bow" which eliminates waves and wrinkles. Unless otherwise specified, we furnish Storm Sash glazed with **Wood Beads** instead of Putty, as they can then be reglazed easily by the average home owner and "putty troubles" are eliminated.

FULL LENGTH SCREENS have Stiles and Top Rails 2⅛" wide, Center Rails 1" wide and Bottom Rails 4⅞" wide. Screens have the screen cloth "rolled-in" grooves and covered with a **flush** mould. This keeps the screen wire taut and presents a much neater appearance than that of a bulky mould tacked on the surface.

All joints are mortised, tenoned and pinned and both Screens and Storm Sash are neatly moulded inside—not just square stuck.

Storm Sash and Screens are made with wide Bottom Rails to take care of irregularities or variations in pitch and design of Window Frame Sills. Order **"Fillers"** for irregular sizes—see opposite page.



163

88c UP

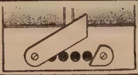
Screens and Storm Sash are **TOX-I-SEALED** (see page 9) to insure long life, reduce tendency to swell or stick and eliminate necessity of priming. ***TOX-I-SEALED*** Sash are **ROT-PROOFED.**

Prices per Sash or Screen for a 2-Lt. Window

STORM SASH No. 162		Size of Glass	Outside Measurements (Sash or Screen)	WINDOW SCREENS		
Glazed	Open			16 Mesh Galv'd No. 163	16 Mesh Bronze No. 164	18 Mesh Bronze No. 164-A
$1.03	$0.72	**12x16**	1- 4*x3-4	$0.88	$1.03	$1.16
1.14	.76	20	4-0	.96	1.13	1.28
1.28	.83	24	4-8	1.07	1.28	1.41
1.35	.84	26	5-0	1.10	1.33	1.50
1.40	.86	28	5-4	1.16	1.41	1.56
1.19	.78	**14x20**	1- 6*x4-0	1.03	1.22	1.35
1.39	.84	24	4-8	1.10	1.36	1.55
1.43	.86	26	5-0	1.17	1.45	1.62
1.58	.88	28	5-4	1.20	1.50	1.68
1.16	.76	**16x16**	1- 8*x3-4	.96	1.18	1.31
1.31	.83	20	4-0	1.07	1.32	1.47
1.40	.84	22	4-4	1.10	1.41	1.56
1.45	.86	24	4-8	1.17	1.46	1.64
1.61	.88	26	5-0	1.22	1.55	1.72
1.65	.91	28	5-4	1.28	1.61	1.80
1.73	.95	30	5-8	1.32	1.69	1.90
1.23	.79	**18x16**	1-10*x3-4	1.00	1.24	1.38
1.35	.83	18	3-8	1.07	1.32	1.47
1.40	.84	20	4-0	1.10	1.42	1.58
1.56	.86	22	4-4	1.17	1.47	1.67
1.61	.88	24	4-8	1.22	1.56	1.74
1.72	.91	26	5-0	1.28	1.65	1.86
1.77	.95	28	5-4	1.32	1.72	1.95
1.86	.97	30	5-8	1.38	1.80	2.02
1.19	.79	**20x14**	2- 0*x3-0	.98	1.22	1.35
1.31	.83	16	3-4	1.05	1.31	1.44
1.40	.84	18	3-8	1.10	1.41	1.56
1.56	.86	20	4-0	1.17	1.47	1.67
1.64	.88	22	4-4	1.22	1.56	1.74
1.72	.91	24	4-8	1.28	1.65	1.86
1.77	.95	26	5-0	1.32	1.74	1.96
1.86	.97	28	5-4	1.38	1.82	2.04
1.94	.98	30	5-8	1.44	1.90	2.16
2.14	1.07	32	6-0	1.50	2.00	2.27
1.40	.84	**22x16**	2- 2*x3-4	1.08	1.41	1.56
1.51	.86	18	3-8	1.16	1.47	1.67
1.64	.88	20	4-0	1.20	1.57	1.76
1.72	.91	22	4-4	1.28	1.67	1.88
1.77	.95	24	4-8	1.32	1.76	1.98
1.86	.97	26	5-0	1.38	1.85	2.08
1.94	.98	28	5-4	1.44	1.95	2.20
2.08	1.01	30	5-8	1.50	2.04	2.30
2.23	1.09	32	6-0	1.56	2.13	2.40
1.39	.84	**24x14**	2- 4*x3-0	1.07	1.35	1.52
1.47	.86	16	3-4	1.11	1.46	1.64
1.61	.88	18	3-8	1.19	1.56	1.74
1.72	.91	20	4-0	1.23	1.65	1.86
1.77	.95	22	4-4	1.32	1.76	1.98
1.89 ←	.97	24 ←	4-8	→ 1.38	→ 1.85	→ 2.08
1.94	.98	26	5-0	1.44	1.95	2.20
2.08	1.01	28	5-4	1.50	2.05	2.31
2.19	1.03	30	5-8	1.56	2.15	2.42
2.43	1.12	32	6-0	1.62	2.24	2.52
1.43	.86	**26x14**	2- 6*x3-0	1.10	1.43	1.60
1.61	.88	16	3-4	1.17	1.52	1.71
1.72	.91	18	3-8	1.23	1.62	1.83
1.77	.95	20	4-0	1.31	1.72	1.95
1.86	.97	22	4-4	1.35	1.84	2.07
1.94	.98	24	4-8	1.43	1.95	2.20
2.08	1.01	26	5-0	1.50	2.04	2.30
2.27	1.03	28	5-4	1.56	2.15	2.42
2.40	1.07	30	5-8	1.62	2.24	2.52
2.49	1.16	32	6-0	1.71	2.34	2.64

*Can furnish ½" **wider** (for "Ohio" openings) at same prices when **clearly** specified on order

STORM SASH VENTILATORS
(cut in bottom rails)



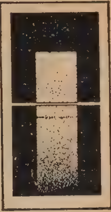
7¼ in. x 1¾ in.
15c Each
(cover screwed-on)

STORM SASH AND SCREENS

(Continued from preceding page)

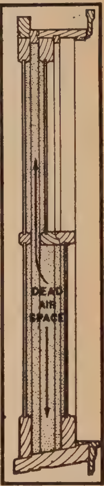
STORM SASH No. 162		Size of Glass	Outside Measurements (Sash or Screen)	WINDOW SCREENS		
Glazed	Open			16 Mesh Galv'd No. 163	16 Mesh Bronze No. 164	18 Mesh Bronze No. 164-A
$1.65	$0.91	28x16	2- 8*x3-4	$1.20	$1.60	$1.82
1.77	'95	18	3-8	1.29	1.71	1.91
1.86	.97	20	4-0	1.34	1.82	2.04
1.94	.98	22	4-4	1.43	1.91	2.16
2.08	1.01	24	4-8	1.47	2.04	2.30
2.27	1.03	26	5-0	1.55	2.15	2.42
2.40	1.07	28	5-4	1.62	2.26	2.54
2.42	1.09	30	5-8	1.68	2.37	2.66
2.80	1.17	32	6-0	1.76	2.49	2.79
1.73	.95	30x16	2-10*x3-4	1.23	1.67	1.88
1.86	.97	18	3-8	1.32	1.77	2.00
1.94	.98	20	4-0	1.41	1.89	2.12
2.08	1.01	22	4-4	1.46	2.00	2.24
2.19	1.03	24	4-8	1.55	2.10	2.39
2.40	1.05	26	5-0	1.60	2.21	2.51
2.42	1.09	28	5-4	1.68	2.34	2.64
2.77	1.12	30	5-8	1.74	2.44	2.78
2.84	1.20	32	6-0	1.83	2.57	2.92
1.92	1.03	32x18	3- 0*x3-8	1.35	1.86	2.10
2.14	1.07	20	4-0	1.44	1.98	2.22
2.23	1.10	22	4-4	1.52	2.10	2.39
2.43	1.12	24	4-8	1.58	2.21	2.51
2.46	1.16	26	5-0	1.67	2.34	2.64
2.80	1.17	28	5-4	1.74	2.44	2.78
2.84	1.20	30	5-8	1.80	2.57	2.92
2.15†	1.09	34x20	3- 2*x4-0	1.47	2.07	2.34
2.46†	1.16	22	4-4	1.56	2.20	2.49
2.46†	1.16	24	4-8	1.64	2.33	2.63
2.65†	1.17	26	5-0	1.72	2.44	2.78
2.84†	1.20	28	5-4	1.80	2.57	2.92
3.05†	1.22	30	5-8	1.88	2.71	3.06
2.32†	1.12	36x20	3- 4*x4-0	1.55	2.16	2.43
2.65†	1.17	24	4-8	1.71	2.42	2.71
2.84†	1.20	26	5-0	1.78	2.56	2.90
3.05†	1.22	28	5-4	1.86	2.68	3.04
3.09†	1.25	30	5-8	1.95	2.82	3.18
3.38†	1.28	32	6-0	2.02	2.94	3.34
2.90†	1.28	40x24	3- 8*x4-8	1.83	2.63	2.95
3.15†	1.31	26	5-0	1.90	2.77	3.11
3.43†	1.33	28	5-4	2.00	2.92	3.28
3.47†	1.36	30	5-8	2.08	3.06	3.47

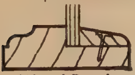
†These sizes are always made **4-Lt.** (2W2H) like No. **162-A** below.



162

Storm Sash Provide Efficient Window Insulation





Wood Beads

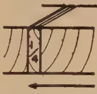
If other sizes of **2-Lt.** Sash are divided **4-Lt.** (like No. 162-A) **Add 42c.**

If **2-Lt.** Sash are divided **3-Lt.** top like No. **140** Window (page 54) **Add 35c.**

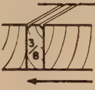
Unless otherwise specified, Storm Sash are **always** glazed with **Wood Beads.**
*Can furnish ½" wider (for "Ohio" openings) at same prices when **clearly** specified on order.

Order "Fillers" for Irregular Sizes

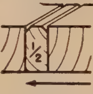
These should be nailed to edge of Outside Casing at each side of Storm Sash or Screen



¼" Fillers take up ½" in width.



⅜" Fillers take up ¾" in width.



½" Fillers take up 1" in width.

Price 10c per pair (6' high) for any of the 3 thicknesses shown above

4 LT. STORM SASH No. 162-A

Size of Glass	Outside Measurements	PRICES EACH Open	PRICES EACH Glazed
10x20	2- 1½x4-0	$1.03	$1.66
24	4-8	1.09	1.85
26	5-0	1.12	1.98
28	5-4	1.16	2.07
30	5-8	1.19	2.15
12x16	2- 5½x3-4	1.00	1.64
18	3-8	1.05	1.73
20	4-0	1.08	1.82
24	4-8	1.13	2.08
26	5-0	1.19	2.17
28	5-4	1.21	2.29
30	5-8	1.24	2.46
32	6-0	1.33	2.58

Size of Glass	Outside Measurements	PRICES EACH Open	PRICES EACH Glazed
14x20	2- 9½x4-0	$1.12	$1.94
22	4-4	1.16	2.17
24	4-8	1.19	2.28
26	5-0	1.22	2.33
28	5-4	1.25	2.58
30	5-8	1.29	2.67
32	6-0	1.40	2.84
15x20	2-11½x4-0	1.16	2.14
24	4-8	1.21	2.33
26	5-0	1.24	2.55
28	5-4	1.29	2.67
30	5-8	1.32	2.77
32	6-0	1.43	2.93

162-A

8 LT. STORM SASH

Size of Glass	Outside Measure	Prices Open	Each Gl'zd
9x12	1-11½x4-8	$1.20	$1.91
14	5-4	1.28	2.05
10x12	2- 1½x4-8	1.22	1.98
14	5-4	1.31	2.15
16	6-0	1.43	2.50
12x14	2- 5½x5-4	1.34	2.49
16	6-0	1.46	2.68
18	6-8	1.53	2.90
14x16	2- 9½x6-0	1.55	2.93
18	6-8	1.61	3.10
20	7-4	1.69	3.32

162-B

12 LT. STORM SASH

Size of Glass	Outside Measure	Prices Open	Each Gl'zd
8x10	2- 5x4-0	$1.32	$2.21
12	4-8	1.38	2.39
9x12	2- 8x4-8	1.41	2.42
14	5-4	1.46	2.61
10x12	2-11x4-8	1.45	2.65
14	5-4	1.52	2.77
16	6-0	1.65	3.24
12x16	3- 5x6-0	1.76	3.56

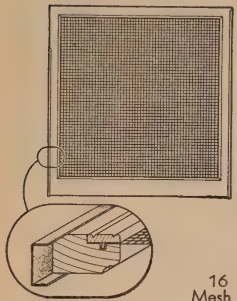
For Storm Sash and Screen Hardware, see page 146.

162-C

FOR OTHER SIZES, USE ODD SASH RULE (page 57) or ODD SCREEN RULE (page 64).
Average weight of Glazed Storm Sash—25 lbs; of Screens—15 lbs., each

SLIDING HALF SCREENS

Clear Ponderosa Pine – 3/4" Thick – *TOX-I-SEALED*



Bottom Rails are 3½" wide. Stiles and Top Rails are 2⅛" wide with Metal Channels ¾x⅜" at each side for Screens to slide in. Channel is cut away near the top on one side so that Screen can be removed. The Screen cloth is "rolled in" grooves to make it taut and covered with a **flush** mould which is easily removable for re-wiring. This presents a much neater appearance than does a bulky screen mould tacked on the surface. All joints are mortised and tenoned and Screens are neatly moulded inside—not just square stuck. All Screens are **TOX-I-SEALED** (see page 9) to insure long life, reduce the tendency to swell and stick and to eliminate the necessity for priming.

TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG. U.S. PAT. OFF.

Prices per Sliding Half Screen for a 2 Lt. Window Complete with Metal Channels each side.

Glass Size	Outside Measurements	16 Mesh Galv'd 165	16 Mesh Bronze 165-A	18 Mesh Bronze 165-B
12x16	1-3*x1-8½	$0.61	$0.67	$0.68
20	2-0½	.64	.72	.74
24	2-4½	.68	.77	.80
26	2-6½	.70	.81	.84
28	2-8½	.72	.85	.87
16x16	1-7*x1-8½	.65	.74	.76
20	2-0½	.70	.81	.84
22	2-2½	.74	.85	.87
24	2-4½	.76	.88	.91
26	2-6½	.77	.92	.94
28	2-8½	.80	.96	.98
30	2-10½	.83	.99	1.01
18x16	1-9*x1-8½	.70	.77	.80
18	1-10½	.72	.81	.84
20	2-0½	.74	.85	.87
22	2-2½	.76	.91	.92
24	2-4½	.77	.95	.96
26	2-6½	.83	.98	.99
28	2-8½	.84	1.01	1.03
30	2-10½	.86	1.06	1.07
20x14	1-11*x1-6½	.69	.79	.83
16	1-8½	.72	.81	.84
18	1-10½	.74	.87	.88
20	2-0½	.76	.91	.92
22	2-2½	.80	.95	.96
24	2-4½	.83	.98	.99
26	2-6½	.84	1.03	1.06
28	2-8½	.88	1.07	1.09
30	2-10½	.89	1.11	1.12
32	3-0½	.92	1.16	1.19
22x16	2-1*x1-8½	.74	.87	.88
18	1-10½	.77	.91	.92
20	2-0½	.80	.95	.96
22	2-2½	.83	.99	1.01
24	2-4½	.86	1.03	1.06
26	2-6½	.88	1.07	1.11
28	2-8½	.92	1.12	1.16
30	2-10½	.95	1.17	1.20
32	3-0½	.96	1.22	1.23
24x14	2-3*x1-6½	.75	.88	.91
16	1-8½	.77	.91	.92
18	1-10½	.80	.95	.96
20	2-0½	.84	.99	1.01
22	2-2½	.86	1.03	1.07
24 ◀	2-4½	▶ .88	▶ 1.09	▶ 1.11
26	2-6½	.92	1.12	1.17
28	2-8½	.95	1.19	1.20
30	2-10½	.98	1.22	1.25
32	3-0½	1.00	1.28	1.31

Glass Size	Outside Measurements	16 Mesh Galv'd 165	16 Mesh Bronze 165-A	18 Mesh Bronze 165-B
26x14	2-5*x1-6½	$0.77	$0.91	$0.95
16	1-8½	.80	.95	.96
18	1-10½	.84	.99	1.01
20	2-0½	.86	1.03	1.07
22	2-2½	.89	1.09	1.11
24	2-4½	.92	1.16	1.17
26	2-6½	.96	1.19	1.22
28	2-8½	.98	1.23	1.28
30	2-10½	1.01	1.28	1.33
32	3-0½	1.05	1.33	1.36
28x14	2-7*x1-6½	.81	.95	.98
16	1-8½	.84	.98	.99
18	1-10½	.86	1.03	1.06
20	2-0½	.89	1.09	1.11
22	2-2½	.92	1.16	1.17
24	2-4½	.96	1.19	1.22
26	2-6½	1.00	1.23	1.28
28	2-8½	1.01	1.30	1.33
30	2-10½	1.06	1.34	1.38
32	3-0½	1.08	1.41	1.44
30x16	2-9*x1-8½	.86	1.01	1.06
18	1-10½	.89	1.07	1.11
20	2-0½	.92	1.12	1.17
22	2-2½	.96	1.19	1.22
24	2-4½	1.00	1.23	1.28
26	2-6½	1.01	1.30	1.33
28	2-8½	1.06	1.34	1.38
30	2-10½	1.10	1.41	1.44
32	3-0½	1.11	1.45	1.50
32x18	2-11*x1-10½	.92	1.11	1.16
20	2-0½	.96	1.17	1.20
22	2-2½	1.00	1.23	1.28
24	2-4½	1.01	1.30	1.33
26	2-6½	1.06	1.34	1.38
28	2-8½	1.10	1.42	1.45
30	2-10½	1.13	1.47	1.52
32	3-0½	1.17	1.54	1.57
36x20	3-3*x2-0½	1.02	1.29	1.32
24	2-4½	1.10	1.42	1.45
26	2-6½	1.13	1.49	1.52
28	2-8½	1.18	1.56	1.60
30	2-10½	1.21	1.62	1.65
32	3-0½	1.23	1.68	1.72
40x20	3-7*x2-0½	1.10	1.41	1.44
24	2-4½	1.18	1.54	1.57
26	2-6½	1.21	1.61	1.64
28	2-8½	1.25	1.68	1.72
30	2-10½	1.29	1.74	1.77
32	3-0½	1.31	1.80	1.84

* Can furnish ½" **wider** (for "Ohio" openings) at same prices when clearly specified on order.

SPECIAL OR ODD SIZE SCREEN RULE

For Either 1⅛" Full Length or ¾" Sliding Half Screens

Use Square Foot Table at bottom of page 57

PRICES PER SQUARE FOOT—MINIMUM 4½ SQUARE FEET

16 Mesh Wire	Under 5'	5'-8'	8'-12'	12'-16'	Over 16'
Galvanized	26c	23c	20c	18c	16c
Bronze	33c	29c	24c	23c	22c

For Circle or Shaped Tops add per screen $2.50

What is meant by *TOX-I-SEALED* Screens and Screen Doors

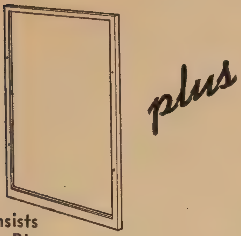
TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG. U.S. PAT. OFF.

After being completely machined and set up, and before they are wired, all our Screens and Screen Doors are immersed in a tank of Toxic Chemicals which have exceptionally strong penetrating properties. The solution reaches every cell of the wood and instantly kills any fungus growth (ROT or DECAY) or insects (TERMITES). As the solution contains a water repellent (see page 9), the Screens and Screen Doors are also MOISTURE-PROOFED which keeps them from swelling and sticking. TOX-I-SEAL is colorless and odorless, stays in the wood permanently, and prevents the return of any new fungus growth or termites, yet the treated wood is in no way impaired for paint, stain or varnish finish, in fact TOX-I-SEALED Screens and Screen Doors need not be primed before they are hung.

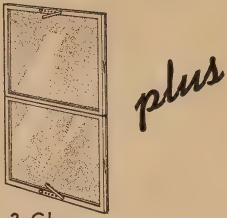
Pease Screen-o-Sash

Trade Mark Registered United States Patent Office

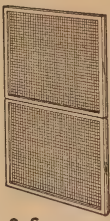
Combination Storm Sash and Screens



Consists of a Rim



2 Glass Sections



2 Screen Sections

Installed Once Only

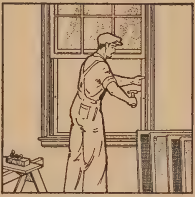
Install the Rim between the Outside Casings of the Window Frame in the usual way **EXCEPT** that the carpenter works from the **INSIDE** of the room—not standing on a ladder on the outside. The Rim is screwed or nailed in place permanently—it is **NOT** taken down and put up in the spring and fall of each year. There is no hardware to buy nor install.

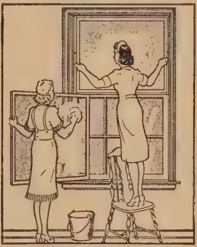
For Winter Conditioning

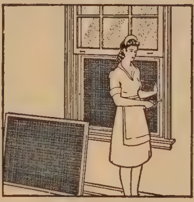
In the fall, put in the glazed Storm Sash Sections (again from the **inside** of the room not standing on a ladder outside). Ventilators at the top and at the bottom of each pair of Storm Sections admit all the fresh air that is ordinarily desired during the winter even in bedrooms. If the weather warms up, take out a top or bottom Section for a few days and "air out" the house. When cold weather returns, put the Section back—it only takes a minute.

To Get Ready For Summer

In the spring, take out the glazed Storm Sections and put in the Screen Sections a few at a time as the house cleaning in each room is done. No need to call in a handy man or make a day's work of it. **No ladders** are needed and the Sections not in use can be carried and stored away more easily because they are only **half** as large as the windows on which they are used.







Lots Easier to Install

The Rim is so much lighter and easier to handle than an ordinary glazed Storm Sash or Full Length Screen, that a carpenter will fit and install it in **one-third** of the usual time. The Stiles and Top Rails are 1½" wide and the Bottom Rails 3¼" wide. Rims can be furnished ½" oversize, where specified, (for "Ohio" openings). For wider openings use **"Fillers"** between Rim and Outside Casing of Frame—see center of page 63.

Makes Housework Easier

To wash the Sash, just remove them from the **inside** of the room, wash **both** sides of the Storm Sash (wash the windows too) and then put the Sash Sections back. This is something that **can't** be done easily with ordinary Storm Sash and the usual result is to let both Sash and Windows go from Fall until Spring without washing.

Not a Bit Complicated

To change the Sections no tool is required except a screw driver which is merely used to turn the Locking Devices at each side of each Section the same as a Combination Door. These draw the Sections tightly into the rabbetted portions of the Rim to give just as much Window Insulation as an ordinary Storm Sash.

All Clear Ponderosa Pine *TOX-I-SEALED* of Course

PRICES PER COMPLETE UNIT FOR ONE WINDOW

1 Rim—2 Storm Sections, Glazed—2 Screen Sections, Wired—all 1⅛" thick

Flat Drawn Glass set with Wood Beads makes reglazing a very simple matter.

Glass Size 2 Lt. Window	Outside Measure of **Screen-o-Sash**	**166-A** Galv'd Wire	**166-B** Bronze Wire
16x16	1-8*x3-4	**$2.54**	**$2.81**
20	4-0	**2.86**	**3.16**
24	4-8	**3.14**	**3.49**
18x16	1-10*x3-4	**2.68**	**2.96**
18	3-8	**2.90**	**3.20**
20	4-0	**3.00**	**3.38**
24	4-8	**3.40**	**3.80**
20x14	2-0*x3-0	**2.60**	**2.89**
16	3-4	**2.83**	**3.14**
18	3-8	**3.00**	**3.37**
20	4-0	**3.28**	**3.64**
22	4-4	**3.43**	**3.84**
24	4-8	**3.60**	**4.04**
26	5-0	**3.71**	**4.21**
28	5-4	**3.89**	**4.42**
30	5-8	**4.06**	**4.61**

16 Mesh Screen Wire Rolled-in grooves and covered with a neat Flush Mould.

Glass Size 2 Lt. Window	Outside Measure of **Screen-o-Sash**	**166-A** Galv'd Wire	**166-B** Bronze Wire
22x16	2-2*x3-4	**$2.98**	**$3.37**
18	3-8	**3.20**	**3.58**
20	4-0	**3.41**	**3.85**
22	4-4	**3.60**	**4.07**
24	4-8	**3.71**	**4.24**
26	5-0	**3.89**	**4.45**
28	5-4	**4.06**	**4.67**
30	5-8	**4.30**	**4.94**
24x14	2-4*x3-0	**2.95**	**3.29**
16	3-4	**3.10**	**3.52**
18	3-8	**3.36**	**3.80**
20	4-0	**3.54**	**4.04**
22	4-4	**3.71**	**4.24**
24◀	4-8	**▶3.92**	**▶4.49**
26	5-0	**4.06**	**4.67**
28	5-4	**4.30**	**4.96**
30	5-8	**4.50**	**5.21**
32	6-0	**4.86**	**5.60**

Stock Sizes and Prices, Continued on Next Page

*Can furnish **½" wider** (for "Ohio" openings) at same prices when **clearly** specified on order. Sizes not listed **cannot** be furnished. For these we suggest a regular Storm Sash and a Full Length Screen (pages 62-63). Order **"Fillers"** for openings **wider** than listed—see page 63.

Pease Screen-o-Sash

Trade Mark Registered United States Patent Office

Combination Storm Sash and Screens

Continued from the preceding page.

PRICES PER COMPLETE UNIT FOR ONE WINDOW

1 Rim—2 Storm Sections, Glazed—2 Screen Sections, Wired—all 1⅛″ thick

Flat Drawn Glass set with Wood Beads makes reglazing a very simple matter.

16 Mesh Screen Wire Rolled-in grooves and covered with a neat Flush Mould.

Glass Size 2 Lt. Window	Outside Measure of **Screen-o-Sash**	**166-A** Galv'd Wire	**166-B** Bronze Wire
26x14	2-6*x3-0	**$3.04**	**$3.43**
16	3-4	**3.34**	**3.76**
18	3-8	**3.54**	**4.01**
20	4-0	**3.70**	**4.19**
22	4-4	**3.85**	**4.44**
24	4-8	**4.04**	**4.67**
26	5-0	**4.30**	**4.94**
28	5-4	**4.60**	**5.30**
30	5-8	**4.82**	**5.57**
32	6-0	**5.04**	**5.80**
28x16	2-8*x3-4	**3.42**	**3.90**
18	3-8	**3.67**	**4.18**
20	4-0	**3.84**	**4.42**
22	4-4	**4.04**	**4.62**
24	4-8	**4.26**	**4.94**
26	5-0	**4.58**	**5.30**
28	5-4	**4.82**	**5.59**
30	5-8	**4.92**	**5.75**
32	6-0	**5.47**	**6.35**
30x16	2-10*x3-4	**3.55**	**4.08**
18	3-8	**3.82**	**4.36**

Glass Size 2 Lt. Window	Outside Measure of **Screen-o-Sash**	**166-A** Galv'd Wire	**166-B** Bronze Wire
30x20	2-10*x4-0	**$4.02**	**$4.60**
22	4-4	**4.25**	**4.90**
24	4-8	**4.49**	**5.15**
26	5-0	**4.80**	**5.53**
28	5-4	**4.92**	**5.71**
30	5-8	**5.41**	**6.25**
32	6-0	**5.60**	**6.49**
32x18	3-0*x3-8	**3.92**	**4.54**
20	4-0	**4.30**	**4.94**
22	4-4	**4.50**	**5.20**
24	4-8	**4.81**	**5.57**
26	5-0	**4.96**	**5.76**
28	5-4	**5.45**	**6.29**
30	5-8	**5.57**	**6.49**
36x20	3-4*x4-0	**4.64**	**5.38**
24	4-8	**5.23**	**6.08**
26	5-0	**5.54**	**6.48**
28	5-4	**5.89**	**6.88**
30	5-8	**6.05**	**7.09**
40x24	3-8*x4-8	**5.68**	**6.64**
26	5-0	**6.06**	**7.10**

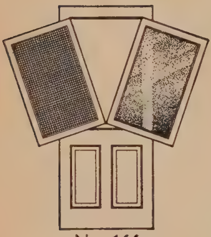
*Can furnish ½″ **wider** (for "Ohio" openings) at same prices when **clearly** specified on order.

Sizes not listed **cannot** be furnished. For these we suggest a regular Storm Sash and a Full Length Screen (pages 62-63). Order **"Fillers"** for openings **wider** than listed—see page 63.

COMBINATION DOORS

For Colonial Front Entrances

Brand New!



No. 166

Designed to conform with 6 Panel and other Colonial Doors such as are shown on page 95.

Glass line is 36″ from the bottom of Door and both Storm and Screen Sections are 1 Light (not divided).

Constructed exactly the same as the Combination Doors on next page except furnished with 16 Mesh Bronze Wire only and in just 2 sizes.

Clear Ponderosa Pine

1⅛″ thick—*TOX-I-SEALED*

Prices per Door with both Glazed and Wired Panels

No. **166—3-0½x6-9**..........**$5.70** **3-0½x7-1**......**$5.95**

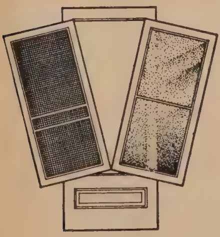
COMBINATION DOORS—2 LT. STORM SECTIONS

Clear Ponderosa Pine—1⅛″ thick—*TOX-I-SEALED*

Constructed exactly like the Combination Doors shown on the opposite page except that the Glazed Storm Sections are divided in **2 lights only.** This gives a modernistic effect and eliminates the clash which is inevitable when the divided lights of the Front and of the Storm Doors do not "line up."

2 Light Storm Sections are in harmony with ordinary 2 Light Storm Sash.

Prices per Door with both Glazed and Wired Panels



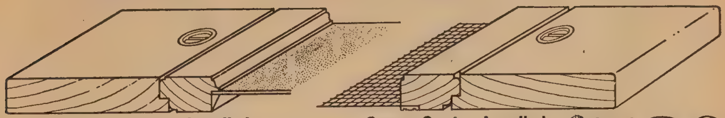
← No. 167—2 Light Storm Section

Stock Sizes	**167** Galv'd	**167-A** Bronze
2- 0½x6-9	**$5.41**	**$5.68**
7-1	**5.80**	**6.08**
2- 6½x6-7	**5.25**	**5.64**
6-9	**5.41**	**5.68**
7-1	**5.80**	**6.08**
2- 8½x6-9	**5.58**	**5.91**
7-1	**5.80**	**6.08**
2-10½x6-9	**5.68**	**5.96**
6-11	**5.88**	**6.15**
7-1	**5.92**	**6.21**
3- 0½x6-9	**5.85**	**6.11**
7-1	**6.10**	**6.36**
7-6	**7.13**	**7.41**

For Combination Door Hardware, see Page 146.

COMBINATION DOORS

A Storm Door in Winter — A Screen Door in Summer



Storm Sections are glazed with Flat Drawn Glass
Screen Sections have 16-mesh Screen Wire "rolled-in"

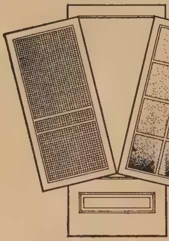
$5.30 AND UP

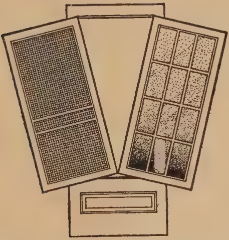
Clear Ponderosa Pine — 1⅛" Thick — *TOX-I-SEALED*

Prices per Door with both Glazed and Wired Panels

No. 168—8 Lt. Storm Section (2W4H) →

Stock Sizes	168 Galv'd	168-A Bronze
2- 0½x6-9	$5 46	$5.73
7-1	5.85	6.13
2- 6½x6-7	5.30	5.69
6-9	5.46	5.73
7-1	5.85	6.13
2- 8½x6-9	5.63	5.96
7-1	5.85	6.13
2-10½x6-9	5.73	6.01
6-11	5.93	6.20
7-1	5.97	6.26
3- 0½x6-9	5.90	6.16
7-1	6.15	6.41
7-6	7.18	7.46



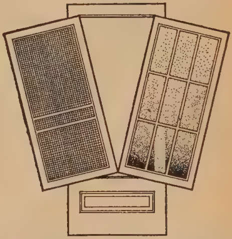


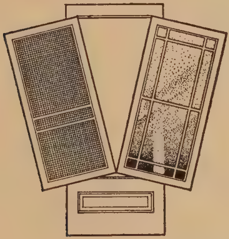
← No. 169—12 Lt. Storm Section (3W4H)

Stock Sizes	169 Galv'd	169-A Bronze
2- 6½x6-7	$5.69	$5.96
6-9	5.73	6.01
7-1	6.20	6.49
2- 8½x6-9	5.97	6.26
7-1	6.20	6.49
2-10½x6-9	6.07	6.34
6-11	6.26	6.53
7-1	6.30	6.60
3- 0½x6-9	6.16	6.44
7-1	6.41	6.68
7-6	7.48	7.74

No. 170—9 Lt. Storm Section (3W3H) →

Stock Sizes	170 Galv'd	170-A Bronze
2- 6½x6-7	$5.83	$6.12
6-9	5.89	6.15
7-1	6.29	6.56
2- 8½x6-9	6.07	6.34
7-1	6.29	6.56
2-10½x6-9	6.26	6.52
6-11	6.44	6.73
7-1	6.50	6.78
3- 0½x6-9	6.38	6.64
7-1	6.63	6.90
7-6	7.62	7.89





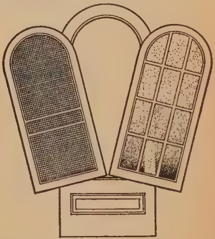
← No. 171—Marginal Light Storm Section

Stock Sizes	171 Galv'd	171-A Bronze
2- 6½x6-7	$5.83	$6.12
6-9	5.89	6.15
7-1	6.29	6.56
2- 8½x6-9	6.07	6.34
7-1	6.29	6.56
2-10½x6-9	6.26	6.52
6-11	6.44	6.73
7-1	6.50	6.78
3- 0½x6-9	6.38	6.64
7-1	6.63	6.90
7-6	7.46	7.72

CIRCLE HEAD COMBINATION DOORS

TRUE HALF CIRCLE TOP

Stock Sizes	168-A Bronze	169 Galv.	169-A Bronze
2- 8½x6-9		$14.26	$14.86
7-1		14.54	15.15
2-10½x6-9		14.54	15.15
6-11		14.54	15.15
7-1		14.86	15.46
3- 0½x6-9	$14.26	14.86	15.46
7-1	14.51	14.86	15.46
7-6		16.06	16.65


169 169-A

LARGER SIZES OF COMBINATION DOORS — Add to 3-0½x7-1 price as follows:

3-2 Wide	$2.10	7-8 High	$2.10
3-4 "	2.40	8-0 "	2.40
3-6 "	2.75	8-2 "	2.75

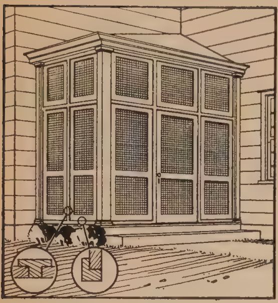
SPECIAL SHAPED TOP DOORS (Always send paper pattern), ADD $7.50

For Combination Door Hardware see page 146

Average weight of Combination Doors—50-lbs.

PORCH SCREENS

Add a Room to Every Home in Summer



172

MADE TO EXACT MEASUREMENTS ONLY

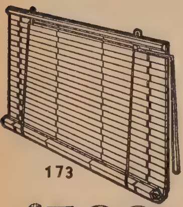
Clear Ponderosa Pine 1⅛" thick with 4½" stiles and top rails and 5½" bottom rails, unless otherwise specified. The screen wire is "rolled-in" to grooves to hold it taut and covered with a neat flush mould. The best way to order PORCH SCREENS is to send us a sketch giving the dimensions of the area to be screened and the exact overall sizes of each screen section.

Prices per Square Foot—*TOX-I-SEALED*

Use Square Foot Table on Page 57

172-A—16 Mesh Galvanized Wire	172-B—16 Mesh Bronze Wire	172-C—18 Mesh Bronze Wire
27¢ per Sq. Ft.	**29¢ per Sq. Ft.**	**32¢ per Sq. Ft.**

ROLL-UP PORCH SHADES



173

$1 96 AND UP

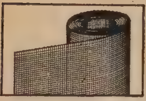
Keep out the bright sun and rain—admit the air. Made entirely of smooth sawn Basswood treated with a preservative oil stain. Fixtures are cadmium plated and attached. Warps are spaced 4" apart and doubled at the ends. Individually carton packed complete with wind ties. Can be hung up or installed in a jiffy.

Choice of **GREEN, BROWN** or **NATURAL**

Prices per Shade Including Automatic Cord Lock

Width	Height 6′	Height 7′
3′	$1.96	$2.13
4′	2.82	2.99
5′	3.45	3.68
6′	3.91	4.20
7′	4.72	5.06
8′	$5.41	$5.81
9′	6.27	6.73
10′	6.90	7.48
11′	7.65	8.17
12′	8.34	8.97

2 color combinations no extra charge. Weight ⅓ lb. per sq. ft.



SCREEN WIRE CLOTH

UNIFORMLY WOVEN—FREE FROM FLAWS AND IMPERFECTIONS

In Rolls of **50** and **100** lineal feet only. No Rolls broken.

PRICES PER ROLL

Width of Roll	12 Mesh Black 50′	12 Mesh Black 100′	14 Mesh Galv'd 50′	14 Mesh Galv'd 100′	16 Mesh Galv'd 50′	16 Mesh Galv'd 100′	16 Mesh Bronze* 50′	16 Mesh Bronze* 100′	18 Mesh Bronze* 50′	18 Mesh Bronze* 100′
18″	$1.65	**$3.06**	$1.98	**$3.80**	$2.23	**$4.29**	$5.45	**$10.65**	$6.11	**$12.05**
20″	1.84	**3.40**	2.20	**4.22**	2.48	**4.77**	6.06	**11.85**	6.80	**13 41**
22″	2.01	**3.73**	2.42	**4.63**	2.72	**5.24**	6.64	**12.98**	7.45	**14.70**
24″	2.20	**4.07**	2.64	**5.06**	2.97	**5.72**	7.26	**14.19**	8.14	**16.06**
26″	2.39	**4.41**	2.86	**5.49**	3.22	**6.20**	7.88	**15.40**	8.83	**17.42**
28″	2.56	**4.74**	3.08	**5.90**	3.47	**6.67**	8.46	**16.53**	9.48	**18.71**
30″	2.75	**5.09**	3.30	**6.33**	3.72	**7.15**	9.08	**17.74**	10.18	**20.08**
32″	2.94	**5.43**	3.52	**6.75**	3.96	**7.63**	9.69	**18.94**	10.87	**21.44**
34″	3.11	**5.76**	3.74	**7.16**	4.20	**8.10**	10.27	**20.08**	11.52	**22.73**
36″	3.30	**6.11**	3.96	**7.59**	4.46	**8.58**	10.89	**21.29**	12.21	**24.09**
38″	3.49	**6.45**	4.18	**8.02**	4.71	**9.06**	11.51	**22.50**	12.90	**25.45**
40″	3.66	**6.78**	4.40	**8.43**	4.95	**9.53**	12.09	**23.63**	13.55	**26.74**
42″	3.85	**7.13**	4.62	**8.86**	5.20	**10.01**	12.71	**24.84**	14.25	**28.11**
48″	4.40	**8.14**	5.28	**10.12**	5.94	**11.44**	14.52	**28.38**	16.28	**32.12**

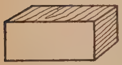
*For Dark or Antique Finish—Add **5%** to Bright Bronze Prices.
App. Weight per 100 Sq. Ft.: Black and Galvanized, 10 lbs., Bronze, 15 lbs.

SCREEN STOCK and MOULDINGS

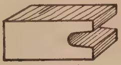
CLEAR PONDEROSA PINE *TOX-I-SEALED*

In Random Lengths **4** to **16′**—Specified Lengths **10%** Extra

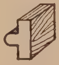
TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG.U.S. PAT.OFF.



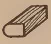
175-A TO E



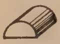
175-F



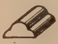
175-G



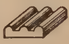
175-H



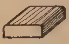
176-A



176-B



176-D

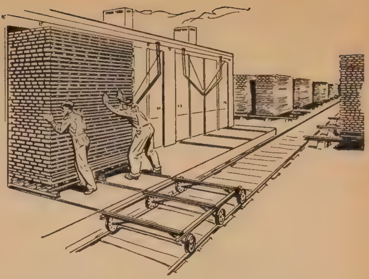


176-E

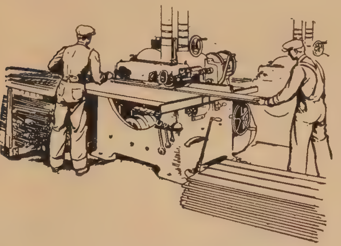
Prices Per 100 Lineal Feet

No.	Kind	Size	Weight	Price
175-A	Plain Screen Stile	¾x1¾	27 lbs.	$1.50
175-B	" Bottom Rail	¾x2¾	43 "	2.33
175-C	" Screen Stile	1⅛x1¾	41 "	2.13
175-D	" Bottom Rail	1⅛x2¾	65 "	3.18
175-E	" Bottom Rail	1⅛x3½	82 "	4.13
175-F	Grooved Screen Stile	¾x1¾	25 "	2.07
175-G	T-Screen Slide	½x ¾	5 "	.74
175-H	Screen Slide or Bead	¼x ⅜	2 "	.52
176-A	Half Round Screen Mould	5/16x⅝	3 lbs.	**52¢**
176-B	Clover Leaf Screen Mould	5/16x⅝	3 "	
176-D	Beaded Screen Mould	¼x⅝	3 "	
176-E	Flat Screen Mould	¼x⅝	4 "	

Interior Trim

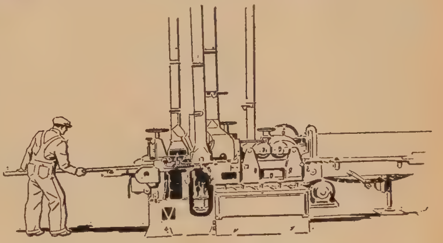


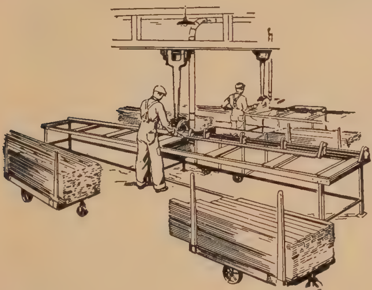
The manufacture of fine Interior Trim and Finish is one of the oldest branches of the Woodworking Industry. In the early days, the work was all done by hand with "moulding planes," each designed to make a different cut or mould, and a good workman had an assortment of several hundred such tools. Today, however, this process has been revolutionized by the development and constant improvement of heavy, high speed machinery which does the work a thousand times faster and a great deal nearer to perfection than could ever be attained by hand.



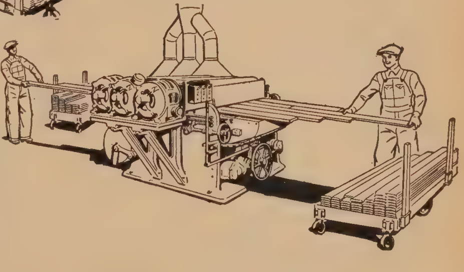
The fundamental requirement for really high grade Trim and Mouldings, particularly where the Hardwoods are involved, is an ample stock of well seasoned and thoroughly kiln dried, soft textured lumber. The highest grades are selected out at the Saw Mill and the various thicknesses piled separately for thorough air seasoning. After a period, varying from several months to a year, the lumber is brought in to the Dry Kilns where a constantly supervised treatment of hot, moisture-controlled air reduces the moisture content to that of air in a steam heated home or apartment. After a few days in which the lumber is allowed to "mellow," it is ready to be worked.

In the Trim Manufacturing Plant the lumber goes through the same initial routine as shown on page 31 for Hardwood Flooring. It is dressed on both sides so that any defects can readily be seen and eliminated, and to make a smooth surface for subsequent machining. From the Planers it goes to the Rip Saws, which must be of the straight-edging type so that the strips are straight as well as of the desired width.

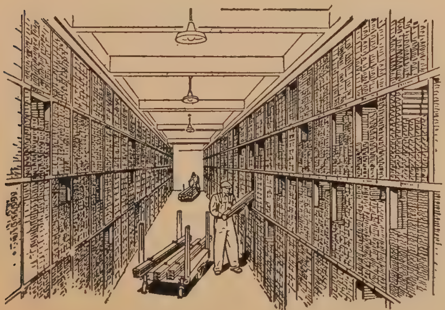




The various patterns of Casing, Mouldings and Trim are actually made by machines illustrated above and called Moulders or "Stickers". In these, knives are bolted in each of the 4 heads (1 for each side) and as the heads rotate, the knives cut the desired pattern in the lumber as it is fed through the machine. The forward speed of the moulding strip is as great as 200 feet per minute while the cutting heads, which have direct-connected high-speed electric motors, turn at 3600 revolutions per minute. This terrific speed serves to polish the moulded surfaces after the cut has been made and makes laborious hand sanding unnecessary.



From the Moulders, the Trim goes to the Cut-off Saws if it is to be cut into short lengths for Door and Window Casing. Door Jambs are dadoed and other machine work is performed as required by various orders. Defects which develop in manufacture, such as torn grain or pitch pockets, are cut out and the material then goes to the Sanders where three drums, rotating slowly under heavy pressure, put the finishing touches to the flat finished surfaces.

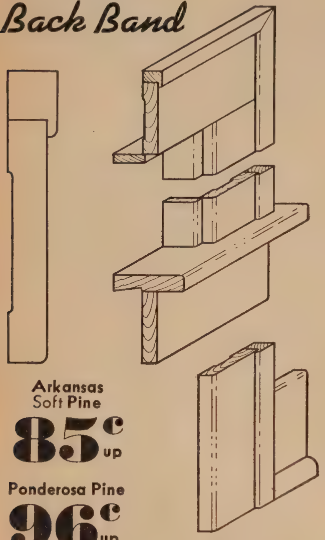


After sanding, the Trim is given a Moisture-proofing and Termite-proofing treatment as described on page 9. For convenience in filling orders, the various patterns of Trim and Mouldings are then put in racks, face down. As the orders come in, the proper members can then be assembled quickly, bundled, wrapped in heavy paper and sealed ready for shipment. This helps get the Trim to the job in good shape as the bundles need not be opened until the carpenter is actually ready to put up the material. Trim, of course, should never be brought near a job until the plaster is thoroughly dry, otherwise all the care exercised in manufacture is quite apt to be undone.

INTERIOR TRIM IN SETS

In the Pines and Hardwoods

Dustless Back Band

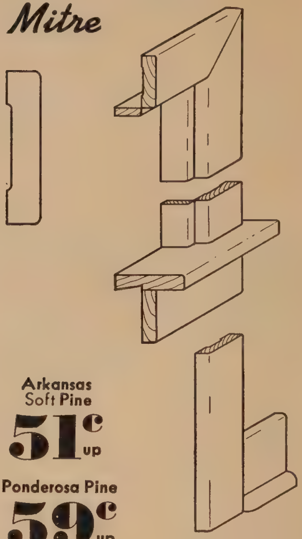


Arkansas Soft Pine
85c up

Ponderosa Pine
96c up

Complete Set

Round Edge Mitre



Arkansas Soft Pine
51c up

Ponderosa Pine
59c up

Complete Set

TOX-I-SEALED and *PAPER WRAPPED*

DESCRIPTION OF SETS

(Larger Cross Sections of above mouldings are shown on pages 74 and 75).

Dustless Back Band Trim—No. **177**—consists of:

Side Casing	No. **191**	⅝x3⅝	Stool	No. **220**	¾x3½
Head Casing	No. **196**	⅝x3⅝	Apron	No. **196**	⅝x3⅝
Back Band	No. **194**	13⁄16x1	Window Stop	No. **212**	⅜x1⅜

Round Edge Mitre Trim—No. **178**—consists of:

Side Casing	No. **190**	½x2¼	Apron	No. **190**	½x2¼
Stool	No. **220**	¾x3½	Window Stop	No. **212**	⅜x1⅜

PRICES PER SET (OR SIDE)

TRIM No. 177		Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
For Doors (up to)							
2-8x6-8		**88c**	**98c**	**$1.25**	**$1.83**	**$2.06**	**$1.51**
3-0x7-0		**95c**	**$1.07**	**1.35**	**1.96**	**2.23**	**1.64**
5-0x7-0		**$1.09**	**1.22**	**1.49**	**2.16**	**2.45**	**1.80**
For Windows (up to)							
Glass Size	**Opening Size**						
20x20—2 Lt.	2-0x3-10	**85c**	**96c**	**1.29**	**1.91**	**2.18**	**1.63**
24x24—2 Lt.	2-4x4-6	**$1.01**	**$1.14**	**1.56**	**2.34**	**2.61**	**1.96**
28x26—2 Lt.	2-8x4-10	**1.09**	**1.20**	**1.64**	**2.44**	**2.76**	**2.05**
32x30—2 Lt.	3-0x5-6	**1.18**	**1.31**	**1.81**	**2.70**	**3.06**	**2.28**

TRIM No. 178		Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
For Doors (up to)							
2-8x6-8		**51c**	**59c**	**78c**	**$1.26**	**$1.30**	**$1.05**
3-0x7-0		**53c**	**62c**	**81c**	**1.29**	**1.34**	**1.08**
5-0x7-0		**59c**	**67c**	**94c**	**1.50**	**1.54**	**1.24**
For Windows (up to)							
Glass Size	**Opening Size**						
20x20—2 Lt.	2-0x3-10	**62c**	**72c**	**96c**	**1.29**	**1.33**	**1.14**
24x24—2 Lt.	2-4x4-6	**67c**	**78c**	**$1.20**	**1.89**	**2.10**	**1.63**
28x26—2 Lt.	2-8x4-10	**77c**	**91c**	**1.25**	**1.94**	**2.19**	**1.69**
32x30—2 Lt.	3-0x5-6	**82c**	**94c**	**1.41**	**2.05**	**2.46**	**1.90**
Larger Sizes:							
Add for each 4″ in width or height		**4c**	**5c**	**8c**	**9c**	**9c**	**10c**

TRIM EXTRAS

Applying to any style of Trim on this or 2 following pages.

5½″ Mullion Casing (for "Wethertite" Frames) is always shipped unless **1⅝″** Mullion Casing (for "Stremeline" Frames) is specified.

Trim for Sash Frames (if no Jamb Casing is required) same price as Trim for Corresponding Window Openings. **Specify clearly when Sash are to SWING OUT, otherwise SWING IN Trim is always furnished.**

Half Circle, Tudor or other Shaped Heads, add **$3.50** Per Set.

Mullions, Triples, Quadruples and Quintuples 2, 3, 4 or 5 times single set prices.

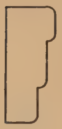
FURRED BRICK or **BRICK VENEERED WALLS** require Stops and Stools ¾″ wider than listed. In ordering, specify **BW** or **BV** after Style of Trim desired and add **20%** to above prices.

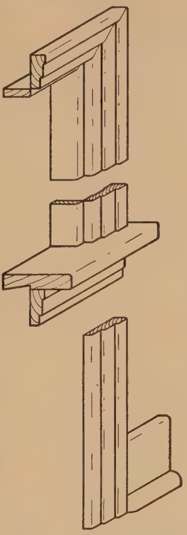
AVERAGE WEIGHT OF TRIM PER SET
Pine Door, 18 lbs.; Window, 20 lbs. Gum Door, 22 lbs.; Window, 24 lbs.
Birch or Oak Door, 27 lbs.; Window, 30 lbs.

INTERIOR TRIM IN SETS

In the Pines and Hardwoods

Triple Recessed Mitre



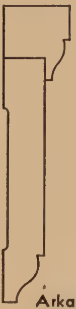


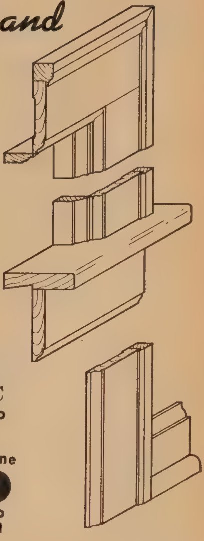
Arkansas Soft Pine
32c up

Ponderosa Pine
42c up
Complete Set

No. 179

Colonial Back Band





Arkansas Soft Pine
94c up

Ponderosa Pine
$1.09 and up
Complete Set

No. 180

TOX-I-SEALED and *PAPER WRAPPED*

DESCRIPTION OF SETS

(Larger Cross Sections of above mouldings are shown on pages 74 and 75)

Triple Recessed Mitre Trim—No. 179—consists of:

Casing	No. **213**	¾x1¾
Stool	No. **220**	¾x3½
Apron	No. **213**	¾x1¾
Window Stop	No. **212**	⅜x1⅜

Colonial Back Band Trim—No. 180—consists of:

Side Casing	No. **208**	⅝x3⅝
Head Casing	No. **208**	⅝x3⅝
Back Band	No. **206**	1x1⅛
Stool	No. **220**	¾x3½
Apron	No. **208**	⅝x3⅝
Window Stop	No. **217**	⅜x1⅜

PRICES PER SET (OR SIDE)

TRIM No. 179		Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
For Doors (up to)							
2-8x6-8		**32c**	**42c**	**66c**	**$1.12**	**87c**	**83c**
3-0x7-0		**34c**	**44c**	**69c**	**1.15**	**90c**	**86c**
5-0x7-0		**38c**	**46c**	**84c**	**1.30**	**$1.13**	**$1.08**
For Windows (up to)							
Glass Size	**Opening Size**						
20x20—2 Lt.	2-0x3-10	**46c**	**57c**	**63c**	**81c**	**59c**	**78c**
24x24—2 Lt.	2-4x4-6	**51c**	**64c**	**$1.14**	**$1.71**	**$1.84**	**$1.51**
28x26—2 Lt.	2-8x4-10	**58c**	**74c**	**1.19**	**1.74**	**1.93**	**1.59**
32x30—2 Lt.	3-0x5-6	**61c**	**77c**	**1.35**	**1.76**	**2.16**	**1.79**

TRIM No. 180		Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
For Doors (up to)							
2-8x6-8		**$1.02**	**$1.18**	**1.44**	**2.32**	**2.67**	**1.87**
3-0x7-0		**1.09**	**1.27**	**1.46**	**2.34**	**2.70**	**1.90**
5-0x7-0		**1.25**	**1.45**	**1.61**	**2.58**	**2.98**	**2.09**
For Windows (up to)							
Glass Size	**Opening Size**						
20x20—2 Lt.	2-0x3-10	**94c**	**1.09**	**1.40**	**2.20**	**2.59**	**1.84**
24x24—2 Lt.	2-4x4-6	**$1.11**	**1.28**	**1.68**	**2.65**	**3.19**	**2.23**
28x26—2 Lt.	2-8x4-10	**1.20**	**1.36**	**1.75**	**2.78**	**3.26**	**2.29**
32x30—2 Lt.	3-0x5-6	**1.29**	**1.47**	**1.89**	**2.99**	**3.53**	**2.49**
Larger Sizes:							
Add for each 4″ in width or height		**4c**	5c	8c	9c	9c	**10c**

Insist on ***TOX-I-SEALED*** or **MOISTURE-PROOFED** Interior Trim

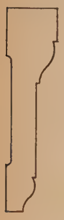
This is a revolutionary development eliminating the necessity and the expense of priming and back-priming and making it possible to apply Trim to newly plastered walls with reasonable assurance that it will not warp, twist or open up at the joints. ***TOX-I-SEALED*** Trim is also TERMITE-PROOFED (see page 9). The treatment in no way interferes with any kind of finish that may be applied later and saves the cost of a first coat or filler. As the grain will not "raise" after it is treated, the cheapest Pine Trim can now be painted or enameled.

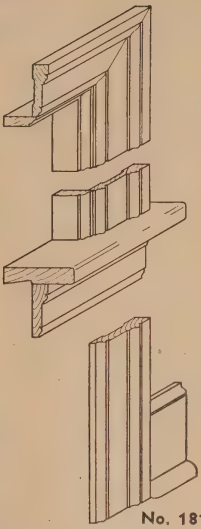
TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG.U.S. PAT.OFF.

INTERIOR TRIM IN SETS

In the Pines and Hardwoods

Narrow Mitre





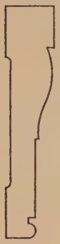
Arkansas Soft Pine
51c up

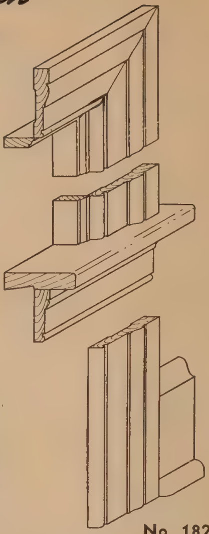
Ponderosa Pine
59c up

Complete Set

No. 181

Modern Mitre





Arkansas Soft Pine
67c up

Ponderosa Pine
78c up

Complete Set

No. 182

TOX-I-SEALED and PAPER WRAPPED

DESCRIPTION OF SETS

(Larger Cross Sections of above mouldings are shown on pages 74 and 75)

Narrow Mitre Trim No. **181**—Consists of:

Casing	No. **211**	¾x2⅝	Apron	No. **211-A**	¾x2⅝
Stool	No. **220**	¾x3½	Window Stop	No. **217**	⅜x1⅜

Modern Mitre Trim No. **182**—Consists of:

Casing	No. **209**	¾x3½	Apron	No. **209-A**	¾x3½
Stool	No. **220**	¾x3½	Window Stop	No. **217**	⅜x1⅜

PRICES PER SET (OR SIDE)

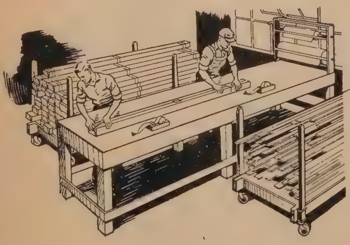
TRIM No. 181

For Doors (up to)		Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8		51c	59c	78c	$1.26	$1.30	$1.05
3-0x7-0		53c	62c	81c	1.29	1.34	1.08
5-0x7-0		59c	67c	94c	1.50	1.54	1.24
For Windows (up to)							
Glass Size	**Opening Size**						
20x20—2 Lt.	2-0x3-10	62c	72c	96c	1.29	1.33	1.14
24x24—2 Lt.	2-4x4-6	67c	78c	$1.20	1.89	2.10	1.63
28x26—2 Lt.	2-8x4-10	77c	91c	1.25	1.94	2.19	1.69
32x30—2 Lt.	3-0x5-6	82c	94c	1.41	2.05	2.46	1.90
Larger Sizes:							
Add for each 4″ in width or height		4c	5c	8c	9c	9c	10c

TRIM No. 182

For Doors (up to)		Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8		67c	78c	93c	$1.51	$1.74	$1.25
3-0x7-0		70c	81c	94c	1.55	1.78	1.29
5-0x7-0		78c	90c	$1.04	1.70	1.95	1.40
For Windows (up to)							
Glass Size	**Opening Size**						
20x20—2 Lt.	2-0x3-10	75c	88c	96c	1.76	2.06	1.50
24x24—2 Lt.	2-4x4-6	80c	94c	$1.26	2.06	2.36	1.74
28x26—2 Lt.	2-8x4-10	93c	$1.10	1.31	2.14	2.45	1.79
32x30—2 Lt.	3-0x5-6	96c	1.14	1.48	2.34	2.76	2.01
Larger Sizes:							
Add for each 4″ in width or height		4c	5c	8c	9c	9c	10c

Our Sets of Trim and Jambs are Wrapped in Heavy Kraft Paper and Sealed with Gummed Tape



This insures their getting to the building in absolutely first class condition. No soot, cinders, plaster nor even finger marks for the painter to scrape or sand off. This means a saving in labor and a better Trim Job. In comparing our prices with others do not overlook the fact that our **Sets of Trim** and **Jambs** are

TOX-I-SEALED and PAPER WRAPPED

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

LOWER PRICES FOR CASH BUYERS

INSIDE DOOR JAMBS

In the Pines and Hardwoods

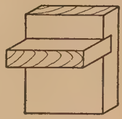
TOX-I-SEALED and *PAPER WRAPPED*

ALL PRICES ARE PER COMPLETE SET
And include ½″ Threshold allowance in height

No. 183-A Jambs—¾x3⅜″ No Stops

As Low As **77c** Per Set

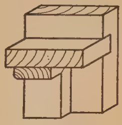
Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$0.77	$0.88	$1.07	$1.41	$1.49	$1.34
3-0x7-0	.84	.96	1.13	1.55	1.61	1.43
6-0x7-0	1.12	1.21	1.31	1.64	1.73	1.55


183-A

No. 183-B Jambs—¾x3⅜″ with Stops ½x1⅝″

As Low As **$1.05** Per Set

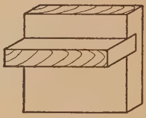
Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$1.05	$1.16	$1.42	$1.84	$2.00	$1.77
3-0x7-0	1.11	1.23	1.51	2.05	2.21	1.93
6-0x7-0	1.45	1.54	1.75	2.22	2.42	2.13


183-B

No. 183-C Jambs — ¾x4⅛″ No Stops

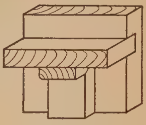
For Wallboard Partitions

Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$0.95	$1.07	$1.19	$1.57	$1.65	$1.49
3-0x7-0	1.02	1.19	1.26	1.72	1.80	1.60
6-0x7-0	1.36	1.54	1.46	1.83	1.93	1.72


183-C

No. 183-D Jambs — ¾x4⅛″ with Stops ½x1⅝″

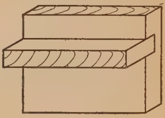
Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$1.22	$1.34	$1.54	$2.00	$2.16	$1.92
3-0x7-0	1.30	1.46	1.64	2.23	2.40	2.10
6-0x7-0	1.69	1.87	1.90	2.41	2.62	2.30


183-D

No. 184 Jambs—¾x5⅜″ No Stops

As Low As **$1.05** Per Set

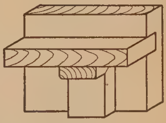
Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$1.05	$1.21	$1.43	$1.88	$1.98	$1.78
3-0x7-0	1.13	1.31	1.51	2.06	2.15	1.91
6-0x7-0	1.54	1.76	1.75	2.19	2.31	2.06


184

No. 186 Jambs—¾x5⅜″ with Stops ½x1⅝″

As Low As **$1.32** Per Set

Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$1.32	$1.49	$1.78	$2.31	$2.49	$2.21
3-0x7-0	1.41	1.58	1.89	2.56	2.75	2.41
6-0x7-0	1.87	2.09	2.19	2.77	3.00	2.64


186

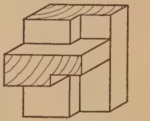
Note: Stops are furnished in Round Edge Pattern (No **214**—page 74) or O. G. Pattern (No. **217-A**—page 74) to conform with Interior Trim on same order. If no Trim ordered, we ship Round Edge Stops No. **214** unless otherwise specified. Note **our** Stops are ½″ thick.

214

217-A

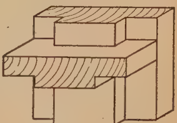
No. 188 Jambs—1⅜x3⅜″ Rabt. ½x1⅜″ 1 side only

Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$1.27	$1.43	$1.85	$2.56	$2.75	$2.38
3-0x7-0	1.38	1.54	1.95	2.69	2.93	2.69
6-0x7-0	1.73	1.87	2.19	2.88	3.11	2.81


188

No. 189 Jambs—1⅜x5⅜″ Rabt. ½x1⅜″ both sides

Sizes (not over)	Arkansas Soft Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
2-8x6-8	$1.98	$2.15	$2.31	$3.34	$3.54	$3.23
3-0x7-0	2.11	2.31	2.56	3.70	3.95	3.58
6-0x7-0	2.53	2.81	2.81	4.06	4.38	3.94


189

SPECIAL WIDTHS OF JAMBS

Under 5⅜″ wide—take 5⅜″ price plus 25%*
Over " " —double " " " 25%
*No extra on order for **50** sets of the same width.

SHAPED TOP JAMBS

Half Circle, Elliptic, Segment, Gothic, etc., add **$4.00** per set.
Always send paper pattern if shaped top Jambs are to fit existing doors.

TOX-I-SEALED BY PEASE
ROT-PROOFED · MOISTURE-PROOFED · TERMITE-PROOFED
REG.U.S. PAT.OFF.

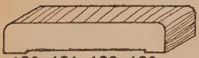
STOCK INTERIOR TRIM

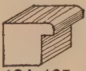
In the Pines and Hardwoods

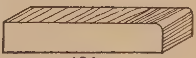
Stock Trim in Random Lengths is **not** regularly paper wrapped, although we strongly recommend this and will wrap in Heavy Kraft Paper and Seal (exactly the same as we do all **sets** of Trim and Jambs) for **10%** extra. Be sure to specify plainly when Random Length Trim is wanted paper wrapped.

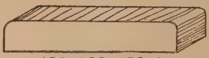
ALL of Our Trim is *TOX-I-SEALED*

IN RANDOM LENGTHS—PRICES PER 100 LINEAL FEET

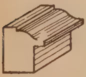

190, 191, 192, 193

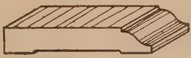

194, 195

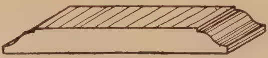

196

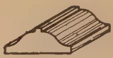

198, 199, 199-A

No.	Kind	Size	Arkansas **Soft** Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
190	Round Edge Casing	½x2¼	$1.88	$2.03	$2.81	$4.56	$5.25	$3.88
191	“ “ “	⅝x3⅝	3.20	3.78	4.31	6.50	7.50	5.38
192	“ “ “	¾x3⅝	3.71	4.55	4.50	7.06	8.06	6.19
193	“ “ “	¾x4¼	4.62	5.22	5.25	9.00	10.13	7.69
194	R.E. Back Band Rab. ⅝"	¾x1	1.13	1.17	2.00	3.00	3.19	2.63
195	“ “ “ “ ¾"	1⅛x1⅛	1.77	2.10	3.00	4.38	5.13	3.94
196	Round Edge Apron	⅝x3⅝	3.20	3.78	4.31	6.50	7.50	5.38
198	R.E. Hook Strip	¾x2¼	1.88	2.58	3.25	5.13	5.85	4.35
199	R.E. Mull Casing	⅝x5½	4.80	5.51	5.75	9.38	10.88	7.50
199-A	“ “ “	⅝x1⅝	1.50	1.62	2.88	4.56	4.94	3.81

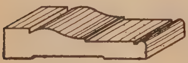

206

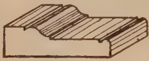

208

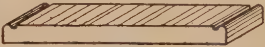

208-A

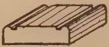

208-B

No.	Kind	Size	Arkansas **Soft** Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
206	O. G. Back Band	1x1⅛	$1.58	$1.91	$2.69	$4.25	$4.94	$3.63
208	“ Casing	⅝x3⅝	3.20	3.78	3.94	6.38	7.31	5.00
208-A	“ Mull. Casing	⅝x5½	4.80	5.51	5.75	9.38	10.88	7.50
208-B	“ “ “	⅝x1⅝	1.50	1.62	2.88	4.56	4.94	3.81

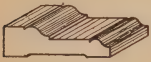

209

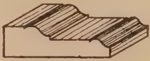

209-A

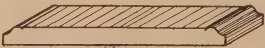

209-B

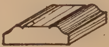

209-C

No.	Kind	Size	Arkansas **Soft** Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
209	Moulded Casing	¾x3½	$3.11	$3.66	$4.25	$7.06	$8.06	$5.81
209-A	“ Apron	¾x3½	3.11	3.66	4.25	7.06	8.06	5.81
209-B	Mull. Casing to Match	½x5½	4.80	5.51	6.06	9.38	10.88	7.81
209-C	“ “ “ “	½x1⅝	1.50	1.62	2.20	3.25	3.98	2.75

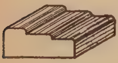

211

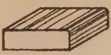

211-A

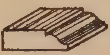

211-B

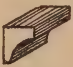

211-C

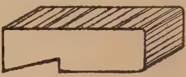
No.	Kind	Size	Arkansas **Soft** Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
211	Moulded Casing	¾x2⅝	$2.33	$2.75	$3.88	$6.19	$6.38	$5.13
211-A	“ Apron	¾x2⅝	2.33	2.75	3.88	6.19	6.38	5.13
211-B	Mull. Casing to Match	½x5½	4.80	5.51	5.75	9.38	10.88	7.50
211-C	“ “ “ “	½x1⅝	1.50	1.62	2.69	3.25	4.00	2.94


213


212
214
214-A


217
217-A
217-D


218
219


220
221
222

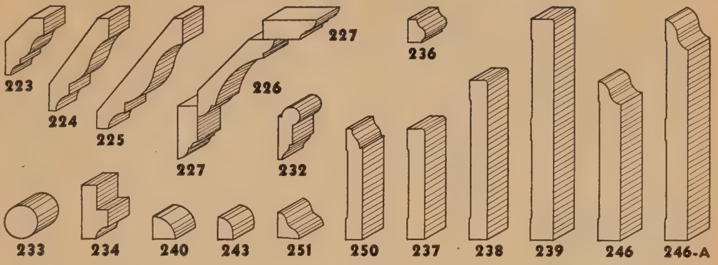
No.	Kind	Size	Arkansas **Soft** Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
213	Triple Recessed Casing	¾x1¾	$1.50	$1.91	$2.88	$4.56	$4.94	$3.81
212	Round Edge Stops	⅜x1⅜	.83	.98	2.00	3.00	3.38	2.56
214	“ “ “	½x1⅝	1.50	1.46	2.20	3.25	3.98	2.75
214-A	“ “ “	½x2⅛	1.88	1.92	3.00	4.54	5.31	3.94
217	O. G. Stops	⅜x1⅜	.83	.98	2.00	3.00	3.38	2.56
217-A	“ “	½x1⅝	1.50	1.46	2.20	3.25	3.98	2.75
217-D	“ “	½x2⅛	1.88	1.92	3.00	4.54	5.31	3.94
218	Cove Mould	¾x ⅞	.75	1.01	1.44	2.06	2.25	1.81
219	“ “	½x ⅞	.75	.84	2.00	2.75	3.10	2.36
220	Round Edge Stool	¾x3½	3.71	4.40	4.50	7.06	8.06	6.19
220-A	“ “ “	¾x4¼	4.62	5.22	5.25	9.00	10.13	7.69
220-B	“ “ “	¾x7¼	7.41		8.06	13.75	15.75	11.88
220-C	“ “ “	¾x8¼	9.24		8.06	13.75	15.75	11.94
221	“ “ “	1 1/16x3½	5.31	6.42	6.38	9.75	10.31	8.44
222	“ “ “	1 1/16x4¼	6.65	7.61	7.75	13.13	15.31	11.38

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

STOCK INTERIOR TRIM

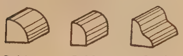
In the Pines and Hardwoods

IN RANDOM LENGTHS — PRICES PER 100 LINEAL FEET — *TOX-I-SEALED*



No.	Kind	Size	Arkansas **Soft** Pine	Ponderosa Pine	Plain Gum	Red Gum	Plain Birch	Red Oak
223	Ceiling Cove	¾x2¾		$2.88				
224	“ “	¾x3⅝		3.78				
225	“ “	¾x4⅝		4.70				
226	“ “	¾x3½	$3.11	4.40	$4.50	$7.00	$8.06	$5.63
227	Wall Strip	⅝x1¾	1.50	1.91	2.12	3.10	3.30	2.00
232	Picture Mould	¾x1⅝	1.50	1.77	2.88	4.56	4.94	3.81
233	Closet Pole	1⅛ Dia.	2.57					3.60
234	Shelf Cleat	⅞x1¾	1.50					
236	Base Mould	⅝x ¾	.75	.83	1.44	2.06	2.25	1.79
237	Round Edge Base	⅝x3⅝	3.20	3.78	4.31	6.50	7.50	5.38
238	“ “ “	⅝x5¼	4.80	5.25	6.25	9.38	10.88	7.31
239	“ “ “	¾x7¼	7.38	9.66	8.06	13.75	15.75	11.88
240	Quarter Round	¾x ¾	.75	.92	1.44	2.06	2.25	1.20
243	R.E.Base Shoe	½x ¾	.75	.74	1.06	1.50	1.56	1.20
246	O.G. Base	¾x5¼	5.55	6.30	6.19	9.38	10.88	7.75
246-A	“ “	¾x7¼	7.38	9.66	8.06	13.75	15.75	11.88
250	Moulded Base	⅝x3⅝	3.20	3.78	4.31	6.50	7.50	5.38
251	Clover Leaf Shoe	¾x ⅞	.75	1.01	1.44	2.06	2.25	1.20

OAK BASE SHOE

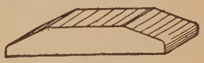


240 ¾x¾″ 243 ½x¾″ 251 ¾x⅞″

Either Pattern, per 100 lin. ft. **$1.20**

TOX-I-SEALED
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
BY PEASE
REG.U.S. PAT.OFF.

OAK THRESHOLDS



No. 235—⅝x3½″ 3′-1″ Long. . . . . **12c ea**

SPECIAL INTERIOR TRIM

THE VERY FINEST — MADE TO ORDER PROMPTLY

Run to Standard Patterns or Worked to Architects' Details

PRICES PER 100 LINEAL FEET IN RANDOM LENGTHS 4 TO 16 FEET

IN QUANTITIES OF 1,000 LINEAL FEET OF ONE PATTERN (IN VARIOUS WOODS)

Add $1.50 Set Up Charge for less than **1000** Lineal feet of one Pattern (in various woods)
Add $3.00 “ “ “ “ “ **500** “ “ “ “ “ “ “

PLAIN S4S BOARDS SAME PRICE AS TRIM—NO SET UP CHARGE IN ANY QUANTITY

Specified Lengths 10% extra. Cut Lengths see below.

Enamel Stock is mixed **Gum, Basswood** or **Poplar,** may be discolored but ideal for paint or enamel. "Sound Wormy" Chestnut is recommended for Antique or Early English effects.

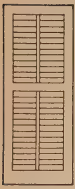
Finished Size (Not over)	Sound Wormy Chest-nut	Enamel Stock	Yellow Pine, Plain Gum or Bass-wood	Yellow Poplar or Cypress	Soft Texture Ash	Red Oak	Red Gum, Plain White Oak or Maple	Plain Birch	—ADD FOR— Sand Flat Surf.	—ADD FOR— Tox-i-seal Treatment (Page 9)
¾x¾	$0.83	$0.89	$0.92	$0.95	$1.13	$1.19	$1.31	$1.37	$0.08	$0.24
1	1.04	1.11	1.15	1.19	1.41	1.48	1.63	1.71	.09	.27
1⅛	1.12	1.20	1.24	1.28	1.52	1.60	1.76	1.84	.10	.30
1⅜	1.33	1.43	1.47	1.52	1.80	1.90	2.09	2.19	.12	.36
1¾	1.66	1.78	1.84	1.90	2.26	2.38	2.61	2.73	.14	.41
2¼	2.08	2.23	2.30	2.38	2.82	2.97	3.27	3.41	.17	.51
2¾	2.49	2.67	2.76	2.85	3.38	3.56	3.92	4.10	.21	.63
¾x3½	3.12	3.34	3.45	3.56	4.23	4.45	4.90	5.12	.27	.81
4½	3.95	4.23	4.37	4.51	5.36	5.64	6.20	6.49	.35	1.05
5½	4.99	5.34	5.52	5.70	6.77	7.13	7.84	8.19	.43	1.29
6½	5.82	6.23	6.44	6.65	7.90	8.31	9.14	9.56	.51	1.53
7½	6.65	7.13	7.36	7.60	9.02	9.50	10.45	10.93	.57	1.71
¾x8½	7.69	8.24	8.51	8.79	10.43	10.98	12.08	12.63	.63	1.89
9½	9.77	10.46	10.81	11.16	13.26	13.95	15.35	16.05	.71	2.13
10½	11.43	12.25	12.65	13.06	15.51	16.33	17.96	18.78	.79	2.37
11½	13.09	14.03	14.49	14.96	17.77	18.70	20.57	21.51	.87	2.61

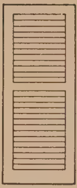
If only ⅜″ thick, DEDUCT. 10%
Up to **1-1/16″** net thick, ADD. 65%
Up to **1-5/16″** net thick, ADD. 100%
“ “ **1-9/16″** “ “ “ 175%

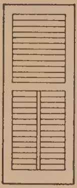
Cut lengths 4′6″ or less counted on 6″ breaks: over 4′6″ add 6″ and count on 6″ breaks.
Add 10c per set for dadoing Jambs. Other machine work quoted on request.

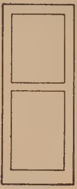
OUTSIDE BLINDS or SHUTTERS

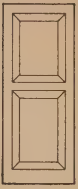
Add the Finishing Touch

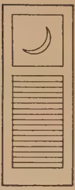

253-A
Rolling
Slats

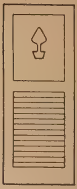

253-B
Stationary
Slats


253-C
Stationary
and Rolling


253-D
Flat
Panels


253-E
Raised
Panels


253-F with
Cut Out
No. 1


253-G with
Cut Out
No. 2

$2.06 AND UP PER PAIR

BLIND LAYOUTS

No. 253-A
Stiles, Top and Middle Rails 1⅞" wide; Bottom Rails 4½" wide.
Other Styles
Stiles, Top and Middle Rails 2¼" wide; Bottom Rails 4½" wide.

DESCRIPTION

No. 253-A —All Rolling Slats. Shown 2 lt. but can be 1 lt. at same price when so specified.
" **253-B** —All Stationary Slats. Shown 2 lt. but can be 1 lt. or can have top lt. square.
" **253-C** —Upper Half, Stationary Slats—Lower Half, Rolling Slats.
" **253-D** —All Flat Panels. Shown 2 pan. but can be 1 pan. or can have top pan. square.
" **253-E** —All Raised Panels one side. Can be 1 panel or can have top panel square.
" **253-F** —Stationary Slats below—Flat Panel above. Shown with Scrolled Cut Out No. 1.
" **253-G** —Stationary Slats below—Flat Panel above. Shown with Scrolled Cut Out No. 2.

STOCK SIZES — No. 253-B — All Stationary Slat ONLY

Prices per pair, 1⅛" thick, 2 lt. rabbetted, Clear Ponderosa Pine.

Size of Pair	Price	Size of Pair	Price	Size of Pair	Price
2-4½x3-4	$2.06	2-10½x3-4	$2.06	3-0½x4-8	$3.04
" 3-8	2.27	" 4-0	2.46	" 5-0	3.25
" 4-0	2.46	" 4-4	2.67	3-4½x4-8	3.34
" 4-8	2.87	" 4-8	2.87	" 5-0	3.58
2-6½x4-8	2.87	" 5-0	3.08	3-8½x4-8	3.60
" 5-0	3.08	" 5-4	3.29		
2-8½x4-8	2.87	" 5-8	3.49		

Use Made-to-Order schedule below for **all other** sizes.

TOX-I-SEALED BY PEASE
ROT-PROOFED & MOISTURE-PROOFED & TERMITE PROOFED
REG U S PAT OFF

Blinds or Shutters (which are always subjected to the most severe weather conditions) should certainly be ***TOX-I-SEALED.*** This is a penetrating chemical treatment (see page 9) designed to **ROT-PROOF** and **TERMITE-PROOF** by killing and preventing future fungus or animal growth in the wood and to **MOISTURE-PROOF** by impregnating the cells of the wood structure with a water repellent.

TOX-I-SEALED BY PEASE
ROT-PROOFED & MOISTURE-PROOFED & TERMITE PROOFED
REG U.S PAT.OFF

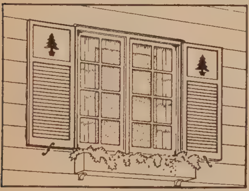
MADE to ORDER—PRICES per PAIR—Clear Ponderosa Pine—Rabbetted

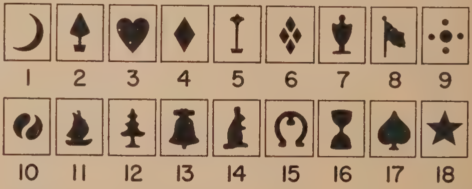
Odd Size Blinds are made to exact size of opening.

Opening of Pair Not exceeding:	All Slat Type 253-A	253-B	253-C	All or Part Panel 253-D, 253-F, or 253-G	Raised Panel 253-E
2-10⅝x4-0—1⅛ in. thick	$3.66	$3.33	$3.50	$4.24*	$4.54*
" 4-6 " "	4.11	3.74	3.92	4.76*	5.10*
" 5-0 " "	4.59	4.16	4.37	5.30*	5.68*
" 5-6 " "	5.05	4.59	4.82	5.84*	6.24*
" 6-0 " "	5.51	4.99	5.25	6.36*	6.80*
" 6-6 " "	5.95	5.41	5.68	6.89*	7.37*
" 7-0 " "	6.39	5.81	6.09	7.40*	7.95*
If **TOX-I-SEALED,** add per pair	.30	.30	.30	.30	.30

ADD FOR CUT-OUTS

PART PANEL BLINDS Can Be Furnished with Any of Following SCROLLED CUT OUTS





Take price of No. **253-D** Blinds and **ADD** for Scrolled Cut Outs, Nos. **1, 3, 4, 17,** per pair . . $0.60
Other designs . . . . . . " " . . 1.25

EXTRAS or ALLOWANCES — Per PAIR

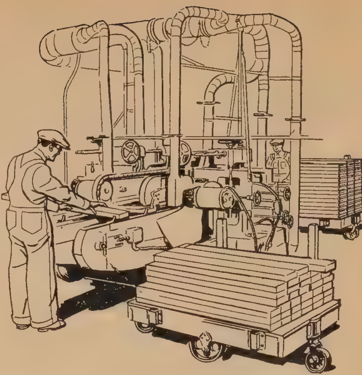
Applying to **MADE to ORDER** Prices **Only.**

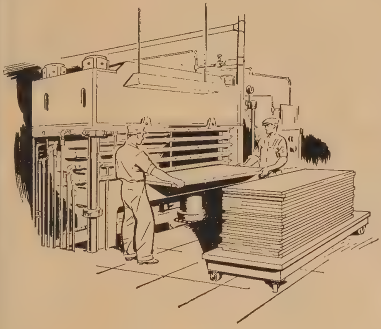
	Nos. 253-A, 253-B, 253-C (All Slat)	All Others (All or Part Panel)
If wider than **2-10⅝**, add for every **2"** or fraction thereof, per lineal foot or fraction thereof in height	$0.03	$0.07
If longer than **7-0,** add for every **6"** or fraction thereof in height	.40	.50
If **1⅜"** thick, add per lineal foot or fraction thereof in height	.08	.08
For Bottom Rails wider than **4½"** but not wider than **7¼"**, add per pair	.35	.35
For Door Blinds, add	2.50	2.50
For Blinds **3** Panels High, add	.70	.70
For Segment, Half Circle or Peak Head, add per pair	4.50	4.50
For Genuine Idaho White Pine, add	30%	30%
For Genuine Red Cypress, add	50%	50%

Single Blinds ⅔ price of pair. Outside Blind and Shutter Hardware shown on page 147.

Doors

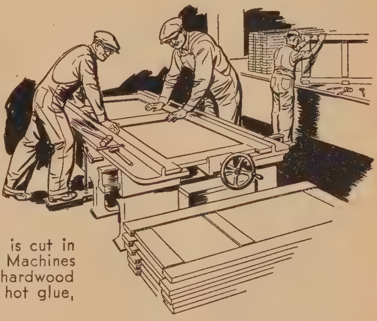
Fine Hardwood and Softwood Doors require heavy and intricate machinery, competent machine hands, and exacting supervision during the entire process of manufacture, which accounts for the fact that their production is concentrated in a relatively small number of large and old established factories. Pine Doors, like Sash, are largely made from Ponderosa Pine, and Fir Doors come from the same forests of the Northwest from which we get Fir Plywood (page 23). Both kinds of doors are made with solid stiles and rails and the initial stages of manufacture are the same as described for Frames and Sash—the shop lumber is reduced to "cut stock" and placed in storage bins to await further production.

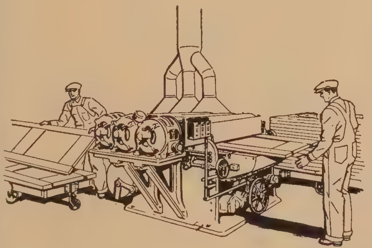




Hardwood Doors are invariably made with veneered stiles and rails for the reason that Hardwood lumber can never be dried out enough so that solid doors will not warp or twist. Thin veneers, which are either sliced, sawn or rotary cut can, however, be thoroughly dried, and these are then **bonded** on cores in the Hydraulic **Hot Plate** Press pictured at left. Synthetic Resin is used instead of glue and, under tremendous heat and pressure, a union or **Bond** is formed which is many times as strong as the wood itself and thus will not allow the Door to twist or warp. The Synthetic Resin Bond is also waterproof so that Hardwood Doors made in this manner are impervious to moisture.

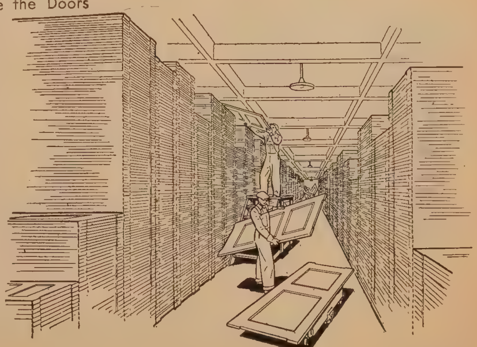
Doors, of course, must be put through the factory in sizeable "runs" as it is quite expensive to set up the various machines for only a few Doors of each size at a time and for this reason "Special" Doors are much more expensive than "Stock" Doors even though the actual manufacture is exactly the same. The "cut stock" for Pine or Fir Doors, and the glued-up stiles and rails for Hardwood Doors are first fed through a "Sticker" or Moulder, as shown on page 69, where the "sticking" or moulding on either side of the panels is worked-on. The rails go through a Double End Tenoner where the reverse of the "sticking" is cut in each end, and then through Three-in-one Machines where they are bored for dowels, and the hardwood dowels, after being thoroughly covered with hot glue, are inserted.





The stiles are likewise bored for the dowels and sent along to the Door Clamps. The panels, having been manufactured and cut to proper size in a process which must parallel the fabrication of the stiles and rails, come up to the Door Clamps at the same time and the stiles, rails and panels are then stuck together. Each door is placed in a Power Clamp where the operator gently brings all four sides up at the same time, making sure that the various joints go together properly and that the Door is absolutely square before it is "squeezed" or given the final thrust which closes all the joints tightly. The glue used in the dowel joints sets quickly and the Doors are then ready for the sander.

Careful sanding, particularly in the case of Hardwood Doors, is essential. The panels, of course, are all sanded before the Doors are put together and the final operation therefore is merely to remove any unevenness between the surfaces of the stiles and rails and to "clean up" the Doors ready for the painters. The Doors now go into stock and must be kept in a clean, dustless warehouse, from which daylight is excluded so that the wood does not discolor in the event it is to be given only a light stain or varnish finish. For shipment in less than full carloads, all doors are now packed in heavy corrugated cartons, bound with iron strapping. This is superior to crating, as no nails need be driven into the stiles to mar them, and the doors arrive on the job clean and ready to be finished.



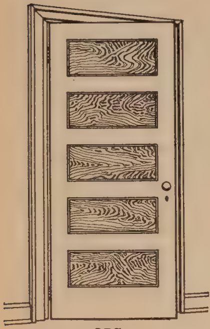
FIR INTERIOR DOORS

Perfectly Manufactured — Carefully Machine Sanded

$2.87 and up
5 X Panel

Comply in every respect with the specifications of the National Door Manufacturers Association.

$2.93 and up
2 or 1 Panel

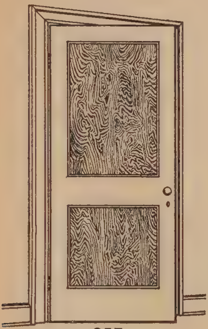

255

Five Cross Flat Panel — No. 255

Solid Vertical Grain Fir Stiles, Top and Cross Rails 4½" and Bottom Rails 9⅜" wide overall. 3 Ply Laminated Ripple Grain Veneered Fir Panels. Bead and Cove Sticking.

PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜"	$2.87	1-8x6-8	1⅜"	$3.06
2-6	"	3.31	2-0	"	3.06
1-8x6-6	"	3.01	2-4	"	3.38
2-0	"	3.01	2-6	"	3.53
2-4	"	3.31	2-8	"	3.69
2-6	"	3.48	3-0	"	4.00
2-8	"	3.62			

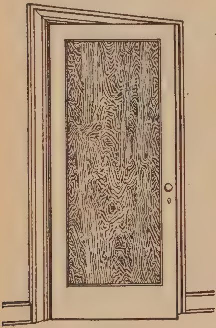

257

Two Regular Panel — No. 257

Solid Vertical Grain Fir Stiles, Top and Cross Rails 4½", Lock Rails 8" and Bottom Rails 9⅜" wide overall. Height to top of Lock Rail 36½" in all sizes. 3 Ply Laminated Ripple Grain Veneered Fir Panels. Bead and Cove Sticking.

PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜"	$2.93	1-6x6-8	1⅜"	$3.12
2-6	"	3.38	1-8	"	3.12
1-6x6-6	"	3.07	2-0	"	3.12
1-8	"	3.07	2-2	"	3.29
2-0	"	3.07	2-4	"	3.46
2-2	"	3.24	2-6	"	3.60
2-4	"	3.38	2-8	"	3.77
2-6	"	3.55	3-0	"	4.08
2-8	"	3.70			


260

One Panel — No. 260

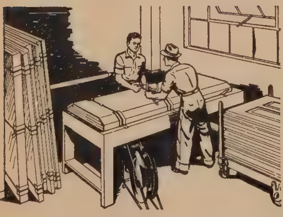
Solid Vertical Grain Fir Stiles and Top Rails 4½" and Bottom Rails 9⅜" wide overall. 3 Ply Laminated Ripple Grain Veneered Fir Panels. Bead and Cove Sticking.

PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜"	$2.93	1-6x6-8	1⅜"	$3.12
2-6	"	3.38	1-8	"	3.12
1-6x6-6	"	3.07	2-0	"	3.12
1-8	"	3.07	2-2	"	3.29
2-0	"	3.07	2-4	"	3.46
2-2	"	3.24	2-6	"	3.60
2-4	"	3.38	2-8	"	3.77
2-6	"	3.55	3-0	"	4.08
2-8	"	3.70			

TOX-I-SEALED ROT-PROOFED MOISTURE-PROOFED TERMITE-PROOFED BY PEASE REG.U.S. PAT.OFF.

The above Doors can be **TOX-I-SEALED** for 25c per Door extra when so specified. This highly recommended penetrating chemical treatment **Moisture-proofs** the wood . . . eliminates the chief cause of warping and swelling. **TOX-I-SEALED** Doors save painters' time, because a filler or first coat is not required. . . . Does not interfere with any kind of finish that may be applied later. **TOX-I-SEALED** Doors prevent the grain from raising and are **Rot-proofed** and **Termite-proofed.**



To insure the arrival of Doors on the job in the same condition as that in which they left the sander at the mill, we are extremely particular about the way they are crated. We bundle with heavy Corrugated Board approved by the Railroads' Inspection Bureau and use ⅝" Steel Strapping and Seals to make sure the bundles are not broken open, intentionally or otherwise, enroute. We make no charge for crating, contrary to the practice of many other firms, and never make a bundle so large that it cannot be handled satisfactorily by the Truckers nor carried right into the building before it is opened. The Corrugated Board can be re-used for lining attics, etc.

Average Weight of above Panel Doors...1⅜" thick 40 lbs....1¾" thick 55 lbs.

Ponderosa PINE DOORS

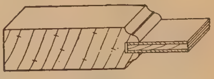
Precision Made — Soft and Easy to Fit

$3.99 and up
6 Panel

Comply in every respect with the specifications of the National Door Manufacturers Association

$3.42 and up
2 Panel

Two Regular Panel — No. 258

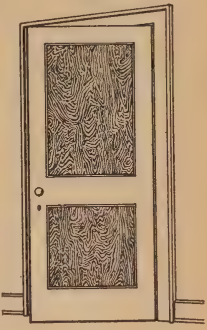


Section

Solid Ponderosa Pine Stiles and Top Rails 4½", Lock Rails 8¼" and Bottom Rails 9¾" wide overall. 3 Ply Laminated Ripple Grain Veneered Fir Panels. Height to top of Lock Rail 36½" in all sizes. Cove and Bead Sticking.

PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜"	$3.42	1-6x6-8	1⅜"	$3.64
2-6	"	3.95	2-0	"	3.64
1-6x6-6	"	3.58	2-2	"	3.84
2-0	"	3.58	2-4	"	4.03
2-2	"	3.78	2-6	"	4.20
2-4	"	3.95	2-8	"	4.40
2-6	"	4.14	2-10	"	4.56
			3-0	"	4.76



258

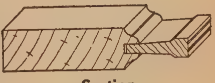
Six Panel Colonial — No. 262

Solid Ponderosa Pine Stiles and Rails 4½", Muntin Rails 4¼", Lock Rails 8¼" and Bottom Rails 9¾" wide overall. Solid Raised Ponderosa Pine Panels. Height to top of Lock Rail 36½" and Top Panels 9⅝" high in all sizes. Cove and Bead Sticking.

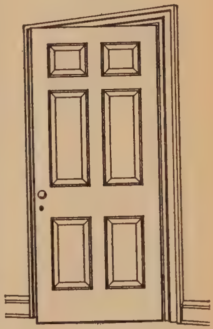
PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜"	$3.99	2-0x7-0	1⅜"	$4.53
2-6	"	4.53	2-4	"	4.93
*1-6x6-6	"	4.16	2-6	"	5.13
*1-8	"	4.16	2-8	"	5.33
2-0	"	4.16	3-0	"	5.76
2-4	"	4.53	2-4x6-6	1¾"	5.84
2-6	"	4.73	2-6	"	6.08
2-8	"	4.90	2-0x6-8	"	5.46
*1-6x6-8	"	4.22	2-4	"	5.93
*1-8	"	4.22	2-6	"	6.17
2-0	"	4.22	2-8	"	6.46
2-2	"	4.42	2-10	"	6.70
2-4	"	4.62	3-0	"	6.93
2-6	"	4.79	2-6x7-0	"	6.64
2-8	"	4.99	2-8	"	6.90
2-10	"	5.16	2-10	"	7.17
3-0	"	5.36	3-0	"	7.43

* Made 3 Panels high in these widths



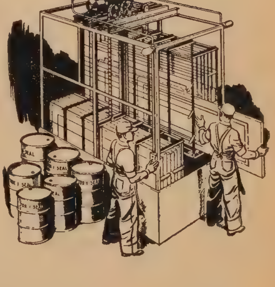
Section



262

The above Doors can be **TOX-I-SEALED** for 25c per Door extra when so specified. This highly recommended penetrating chemical treatment **Moisture-proofs** the wood . . . eliminates the chief cause of warping and swelling. **TOX-I-SEALED** Doors save painters' time, because a filler or first coat is not required. . . . Does not interfere with any kind of finish that may be applied later. **TOX-I-SEALED** Doors prevent the grain from raising and are **Rot-proofed** and **Termite-proofed.**

In order to **TOX-I-SEAL** doors scientifically so that proper penetration would be assured in every case, it was necessary for us to design and construct special equipment for handling doors without injury and immersing them mechanically. This equipment is in daily operation at our warehouse and we extend a cordial invitation to you to inspect it. The materials and processes employed in our **TOX-I-SEAL** treatment conform to the Preservative Minimum Standards of the National Door Manufacturers Association, and all Doors so treated bear the Association **SEAL OF APPROVAL.**



LICENSE NO. 152
TOXIC—PRESERVATION
APPROVED
NATL. DOOR MFRS. ASSN.

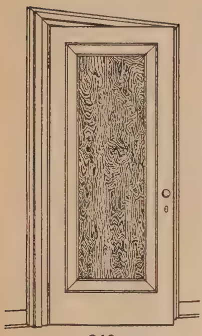
MIRACLE TYPE DOORS

Ponderosa Pine Frames – Fir, Gum or Birch Panels

$4.09 and up
Fir Panel

Comply in every respect with the specifications of the National Door Manufacturers Association.

$4.27 and up
Gum Panel

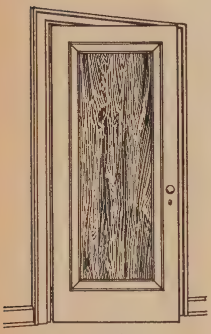

263

RIPPLE GRAIN FIR Panels—No. 263

Solid Ponderosa Pine Stiles and Top Rails 4½″, Inserts 2¾″ and Bottom Rails 9¾″ wide overall. 3-Ply Laminated Ripple Grain Veneered Fir Panels.

PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜″	$4.09	2-0x6-8	1⅜″	$4.36
2-6	"	4.72	2-2	"	4.59
2-0x6-6	"	4.29	2-4	"	4.82
2-4	"	4.72	2-6	"	5.03
2-6	"	4.96	2-8	"	5.26
1-6x6-8	"	4.36	3-0	"	5.70

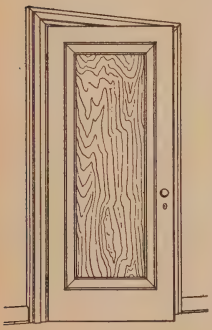

264

With PLAIN GUM Panels—No. 264

Solid Ponderosa Pine Stiles and Top Rails 4½″, Inserts 2¾″ and Bottom Rails 9¾″ wide overall. 3-Ply Laminated Plain Gum Veneered Panels. Recommended for Stain or Enamel Finish.

PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜″	$4.27	2-0x6-8	1⅜″	$4.55
2-6	"	4.94	2-2	"	4.80
2-0x6-6	"	4.48	2-4	"	5.04
2-4	"	4.94	2-6	"	5.25
2-6	"	5.18	2-8	"	5.50
1-6x6-8	"	4.55	3-0	"	5.95


265

With PLAIN BIRCH Panels—No. 265

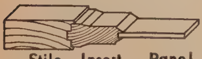
Solid Ponderosa Pine Stiles and Top Rails 4½″, Inserts 2¾″ and Bottom Rails 9¾″ wide overall. 3-Ply Laminated Plain Birch Panels with 1-piece face veneers. Recommended for Natural, Stain or Enamel Finish.

PRICES PER DOOR (Sizes not priced are not regularly carried in stock)

2-0x6-0	1⅜″	$4.39	2-0x7-0	1⅜″	$5.08
2-4	"	4.90	2-4	"	5.58
2-6	"	5.08			
2-0x6-6	"	4.61	2-6	"	5.83
2-4	"	5.08	2-8	"	6.08
2-6	"	5.33	3-0	"	6.62
1-6x6-8	"	4.68			
2-0	"	4.68	2-4x6-8	1¾″	6.77
2-2	"	4.93	2-6	"	7.07
2-4	"	5.18	2-8	"	7.44
2-6	"	5.40			
2-8	"	5.65	3-0	"	8.03
3-0	"	6.12	3-0x7-0	"	8.66

TOX-I-SEALED BY PEASE
ROT-PROOFED & MOISTURE-PROOFED & TERMITE-PROOFED
REG. U.S. PAT. OFF.

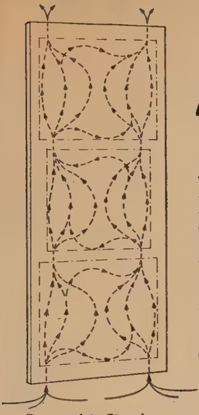
The above Doors can be **TOX-I-SEALED** for 25c per Door extra when so specified. This highly recommended penetrating chemical treatment **Moisture-proofs** the wood . . . eliminates the chief cause of warping and swelling. **TOX-I-SEALED** Doors save painters' time, because a filler or first coat is not required. . . . Does not interfere with any kind of finish that may be applied later. **TOX-I-SEALED** Doors prevent the grain from raising and are **Rot-proofed** and **Termite-proofed.**



OTHER COMBINATIONS of Miracle Type Doors such as Pine Stiles with Plain Gum Inserts and Panels, Pine Stiles with Plain Birch Inserts and Panels, Pine with Red Gum Panels and Pine Stiles with Red Gum Inserts and Red Gum Panels quoted on request. For quick service and low cost, use stock designs and sizes. Average Weight of above Panel Doors. . . 1⅜″ thick 40 lbs. . . . 1¾″ thick 55 lbs.

HOLLOW FLUSH DOORS

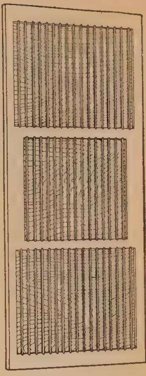
Ripple Grain Fir
or
Philippine Mahogany



Room Air Circulates through the Vented Cores

HOLLOW CORE CONSTRUCTION

This makes the doors light in weight which means they are easier to fit and hang and cause less jar when closed. The air spaces in the core are **vented** through the top and bottom of the door to permit circulation of room air through the inside of the Door, thus equalizing the temperature and moisture conditions on the inside with those on the outside of the door. This eliminates the usual cause of warping and the air in the core acts as an Insulator and Sound Deadener as well. The surface on each side of the door is Plywood, glued under heavy pressure to a frame with horizontal struts and vertical bracer strips every 1½ inches. Notice that the frame has an inset block at each side to receive a mortise lock.



Cutaway section showing Hollow Core Construction

REZITED or SURFACE SEALED

Both the Ripple Grain Fir and the Philippine Mahogany Doors are **Filled** and **Surface Sealed** at the mill immediately after being sanded. This treatment prevents the Face Veneers from checking or absorbing moisture, stops the grain from raising and saves the Painter's usual first coat. The Sealer is a clear synthetic Resin which fills the open pores on the surface of the Door and actually increases the beauty of the grain by bringing out the "flower". Oil or Water Stains can be used right over the Sealer without a Filler of any kind and the Doors will finish like hardwoods. If the Doors are to be painted, enameled or lacquered, they **need not be primed.** Fast drying undercoats can be used and the finished surface will never be ruined by hairline surface checks.

READY FOR A HIGH CLASS FINISH

These Hollow Flush Doors come accurately **pre-fitted** and individually paper wrapped. This insures the doors getting on the job in exactly the same condition as that in which they left the sander at the mill—without even a finger mark to remove. This feature, together with the absence of panels, makes for a considerable saving in painter's time, without even considering the advantages of Surface Sealing as outlined above. Securely carton packed for protection in shipping.

BEAUTIFULLY FIGURED GRAIN

The Face Veneers are carefully selected for figure and offer unlimited possibilities for decoration. The **PHILIPPINE MAHOGANY** is warm and rich in color, and has a fine vertical stripe very similar in character to African Mahogany. It shows up magnificently under a light Mahogany or Walnut stain and makes a beautiful appearance with Ivory Trim. The **RIPPLE GRAIN FIR** is well known in ordinary panel doors but makes a much more striking appearance in a Flush Door where its beauty is unbroken by stiles and cross rails.

Hollow Flush – Ripple Grain Fir – No. 266

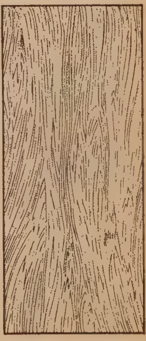
2-0x6-0	1⅜"	$4.48	1-6x6-8	1⅜"	$4.76
2-6	"	4.86	1-8	"	4.76
1-6x6-6	"	4.66	2-0	"	4.76
1-8	"	4.66	2-2	"	5.01
2-0	"	4.66	2-4	"	5.01
2-2	"	4.96	2-6	"	5.14
2-4	"	4.96	2-8	"	5.26
2-6	"	5.08	3-0	"	5.71
2-0x6-8	1¾"	$5.46	2-0x7-0	1¾"	$5.84
2-4	"	5.71	2-4	"	6.09
2-6	"	5.84	2-6	"	6.24
2-8	"	5.96	2-8	"	6.37
3-0	"	6.41	3-0	"	6.85

Ripple Grain Fir

Hollow Flush–Philippine Mahogany–No. 267

2-0x6-0	1⅜"	$5.39	1-6x6-8	1⅜"	$5.74
2-6	"	5.85	1-8	"	5.74
1-6x6-6	"	5.63	2-0	"	5.74
1-8	"	5.63	2-2	"	6.05
2-0	"	5.63	2-4	"	6.05
2-2	"	5.98	2-6	"	6.20
2-4	"	5.98	2-8	"	6.36
2-6	"	6.13	3-0	"	6.90
2-0x6-8	1¾"	$6.44	1-8x7-0	1¾"	$6.90
2-2	"	6.75	2-0	"	6.90
2-4	"	6.75	2-2	"	7.21
2-6	"	6.90	2-4	"	7.21
2-8	"	7.06	2-6	"	7.41
3-0	"	7.60	2-8	"	7.56
			3-0	"	8.13

Average Weight per Door, 1⅜"..........35 lbs. 1¾"..........40 lbs.



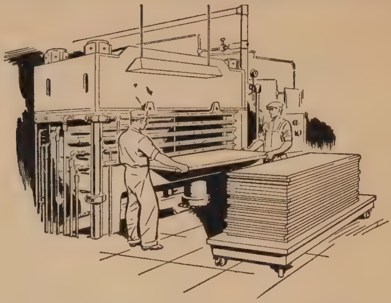
Philippine Mahogany

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

HOLLOW FLUSH DOORS

Made in a Hot Plate Press

New!



Better!

A tremendous advance in the manufacture of Veneered Hardwood Doors is made possible by the Hydraulic Hot Plate Press illustrated above in which **ALL** of our Hardwood Doors are now manufactured. **No glue** whatever is used, all **bonding** being done with **Synthetic Resin** which, under great heat and tremendous pressure, forms a permanent union many times stronger than the wood itself and thus it will not allow the Door to twist or warp. This is the goal toward which the industry has been striving for many long years and, like thousands of other new products today, is the result of chemical research. The Synthetic Resin Bond does **not** discolor the veneers in any way and has no effect whatever on any finish that is to be applied later.

Veneered Doors made in a Hot Plate Press

1. Will not warp or twist
2. Will not peel or blister
3. Will not "open up" or come apart (they are absolutely waterproof)

6 BONDED JOINTS IN EVERY DOOR

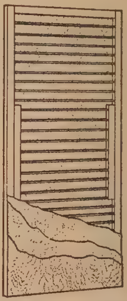
The outside faces are 3 ply panels, each having 2 Synthetic Resin joints and are bonded in turn to the core. This makes a total of 6 Synthetic Resin Bonds the full width and length of each and every door.

HOLLOW CORE CONSTRUCTION

The core itself is made up of Pine stiles and rails with horizontal bracer strips and inset blocks to receive any standard mortise lock. The core is vented so that air from adjoining rooms is constantly circulating through the center of the door relieving any possible stress caused by irregular temperature or humidity condition.

PAPER WRAPPED AT THE MILL

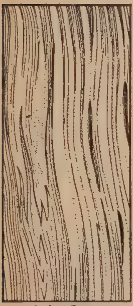
All Hollow Flush Doors are prefitted and wrapped in heavy Kraft Paper at the mill as soon as they have been sanded. They are also carefully carton packed for protection in shipping.



Core Construction Hollow Flush Hardwood Doors

Hollow Flush — Plain Gum — No. 268

Recommended for Paint or Enamel Finish or a very dark Stain (not suitable for a light or natural finish).



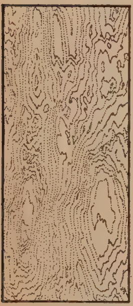
Plain Gum

2-0x6-0	1⅜″	$5.04	1-6x6-8	1⅜″	$5.37
2-6	"	5.82	1-8	"	5.37
1-6x6-6	"	5.28	2-0	"	5.37
1-8	"	5.28	2-2	"	5.65
2-0	"	5.28	2-4	"	5.94
2-2	"	5.57	2-6	"	6.19
2-4	"	5.82	2-8	"	6.48
2-6	"	6.11	3-0	"	7.02

2-0x6-8	1¾″	$6.25	2-0x7-0	1¾″	$6.70
2-2	"	6.53	2-2	"	6.99
2-4	"	6.82	2-4	"	7.27
2-6	"	7.07	2-6	"	7.57
2-8	"	7.36	2-8	"	7.85
3-0	"	7.90	3-0	"	8.47

Hollow Flush — Plain Birch — No. 269
Hollow Flush — Red Gum — No. 270

Either wood same price and either can be finished Natural.



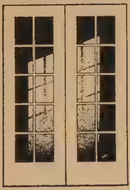
Plain Birch

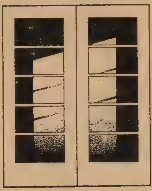
2-0x6-0	1⅜″	$5.84	1-6x6-8	1⅜″	$6.23
2-6	"	6.74	1-8	"	6.23
1-6x6-6	"	6.13	2-0	"	6.23
1-8	"	6.13	2-2	"	6.56
2-0	"	6.13	2-4	"	6.89
2-2	"	6.46	2-6	"	7.18
2-4	"	6.74	2-8	"	7.51
2-6	"	7.08	3-0	"	8.14

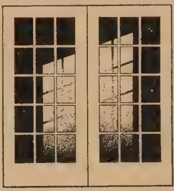
2-0x6-8	1¾″	$7.10	2-0x7-0	1¾″	$7.62
2-2	"	7.44	2-2	"	7.96
2-4	"	7.77	2-4	"	8.29
2-6	"	8.06	2-6	"	8.64
2-8	"	8.39	2-8	"	8.97
3-0	"	9.02	3-0	"	9.68

MODERN FRENCH DOORS

Carefully Made from Clear Ponderosa Pine


273


274


275

PRICES PER PAIR — WOOD BEADS TACKED IN — T ASTRAGALS INCLUDED

Opening of Pair	Thick	273		274		275	
		Open	Glazed D.S.	Open	Glazed D.S.	Open	Glazed D.S.
4-0x6-6	**1⅜″**	$8.30	**$10.73**	$8.30	**$10.73**		
5-0	“	8.50	**11.48**	8.50	**11.48**	$9.38	**$12.88**
5-4	“			9.53	**13.08**	9.53	**13.08**
3-0x6-8	“	8.40	**10.83**	8.40	**10.83**		
4-0	“	8.40	**10.83**	8.40	**10.83**		
4-4	“	8.58	**11.38**	8.58	**11.38**		
4-8	“			9.43	**12.65**	9.43	**12.65**
5-0	“	8.60	**11.58**	8.60	**11.58**	9.50	**13.00**
5-4	“	8.68	**11.83**	8.68	**11.83**	9.53	**13.08**
5-8	“			9.65	**13.45**	9.65	**13.45**
6-0	“			9.70	**13.50**	9.70	**13.50**
4-0x7-0	“	8.83	**11.38**	8.83	**11.38**		
4-4	“	9.00	**11.93**	9.00	**11.93**	9.85	**12.31**
4-8	“			9.85	**13.10**	9.85	**13.10**
5-0	“	9.05	**12.15**	9.05	**12.15**	9.90	**13.63**
5-4	“			10.00	**13.73**	10.00	**13.73**
5-8	“			10.05	**14,05**	10.05	**14.05**
6-0	“			10.15	**14.15**	10.15	**14.15**
4-0x6-8	**1¾″**	11.38	**13.79**	11.38	**13.79**		
4-4	“	11.60	**14.40**	11.60	**14.40**		
4-8	“			12.73	**15.95**	12.73	**15.95**
5-0	“	11.70	**14.68**	11.70	**14.68**	12.85	**17.60**
5-4	“	11.80	**14.95**	11.80	**14.95**	12.95	**16.50**
5-8	“			13.08	**16.88**	13.08	**16.88**
6-0	“			13.18	**16.98**	13.18	**16.98**
4-0x7-0	“	12.05	**14.60**	12.05	**14.60**		
4-4	“	12.28	**15.20**	12.28	**15.20**	13.40	**16.78**
4-8	“			13.40	**16.78**	13.40	**16.78**
5-0	“	12.40	**15.50**	12.40	**15.50**	13.53	**17.25**
5-4	“			13.63	**17.35**	13.63	**17.35**
5-8	“			13.75	**17.75**	13.75	**17.75**
6-0	“			13.85	**17.85**	13.85	**17.85**

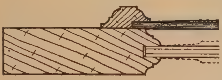
Single doors half the price of a pair.
If glazed **Obscure** or with **3/16″ Crystal,** add **25c** per light to the **Open** Prices above.

TOX-I-SEALED ROT-PROOFED MOISTURE-PROOFED TERMITE-PROOFED BY PEASE REG.U.S. PAT.OFF.

Any of above Doors can be **TOX-I-SEALED** for **50c** per Pair extra when so specified. This is a penetrating chemical treatment which we strongly recommend as, when the wood has been **Moisture-proofed,** the chief cause of warping and swelling is eliminated. **TOX-I-SEALED** Doors save Painters' time as the usual first coat or filler is not needed—yet the treatment in no way interferes with any kind of finish that may be applied later and the grain will not raise. **TOX-I-SEALED** Doors are also **Rot-proofed** and **Termite-proofed**

BEAUTIFUL MIRROR DOORS

1/4″ POLISHED PLATE MIRRORS — COPPER-SEALED

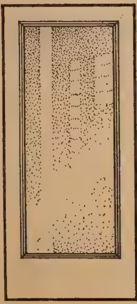


Mirrors can best be installed **after** the Door is fitted and hung. Hence we ship all mirrors boxed separately and include mirror mould for **"Planting On."** Beveled Mirrors have 1¼″ bevel. Moulding ¾x1⅜″ is screwed, or can be nailed, directly to face of stiles and rails, thus holding the mirror securely even though the Door may be slammed.

PRICES FOR MIRROR AND MOULDING ONLY — *ADD* FOR DOOR

Mirror Size for **2-8x6-8** Door is **24″x66″** if Mirror is "Planted On"

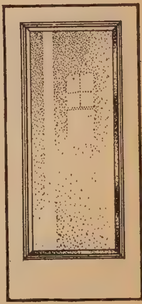
PLAIN PLATE


276

Door Sizes	Mirror Sizes	**Plain** No. **276**	**Bevelled** No. **277**
2-0x6-0	16x58″	**$6.33**	**$9.12**
2-0x6-6	16x64″	**6.89**	**10.36**
2-2	18x64″	**8.23**	**11.89**
2-4	20x64″	**9.02**	**12.88**
2-6	22x64″	**9.82**	**13.87**
2-0x6-8	16x66″	**7.05**	**10.71**
2-2	18x66″	**8.46**	**12.32**
2-4	20x66″	**9.28**	**13.33**
2-6	22x66″	**10.92**	**15.16**
2-8	24x66″	**11.81**	**16.25**
2-10	26x66″	**12.69**	**17.30**
3-0	28x66″	**13.62**	**18.41**
2-0x7-0	16x70″	**8.04**	**12.09**
2-2	18x70″	**8.92**	**13.16**
2-4	20x70″	**9.79**	**14.22**
2-6	22x70″	**11.53**	**16.14**
2-8	24x70″	**12.49**	**17.26**
2-10	26x70″	**13.42**	**18.41**
3-0	28x70″	**14.37**	**19.72**

Average Weight of Mirrors—60 lbs.
For other sizes of Mirrors see page 150

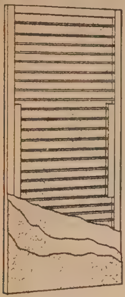
BEVELLED


277

HOLLOW FLUSH DOORS

In the Fine American Hardwoods

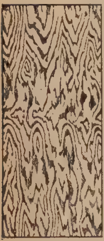
Made to Order



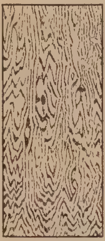
280

The construction of our Hardwood Hollow Flush Doors is the same as described at the top of page 82 which means that every Door is **Bonded in a Hot Plate Press.**

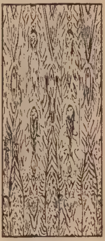
The **Face Veneers** are selected with extreme care as of course a flush door depends entirely for its decorative effect upon the rich simplicity of the wood. The Edge Strips are Pine but can be furnished in the same kind of Hardwood as the Face Veneers for an extra charge as shown in the right hand column below. The Doors are **PRE-FITTED** to exact size, to save carpenter's time, and are packed in heavy cartons.



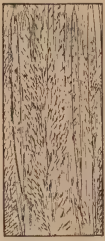
Red Oak



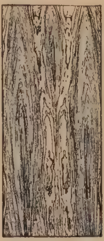
White Oak



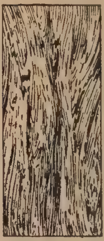
Quart'd Figured Red Gum



Quartered White Oak



Black Walnut



African Mahogany

No. 280—For stock sizes of Plain Gum, Plain Birch and Red Gum—see page 82.

Prices per Door

Sizes	nderosa Pine	Red Oak or Red Birch	White Oak or Poplar	Quart'd Figured Red Gum	Black Walnut	Quar. W. Oak or African Mahogany	ADD for Hardwood Edge Strips
2-0x6-0 1⅜″	$5.28	$6.97	$7.18	$9.09	$9.30	$10.14	$0.64
2-6 “	5.94	7.84	8.07	10.22	10.45	11.41	.72
1-6x6-6 “	4.54	6.01	6.18	7.82	8.00	8.73	.55
1-8 “	4.87	6.44	6.63	8.38	8.58	9.36	.58
2-0 “	5.42	7.16	7.38	9.33	9.55	10.42	.65
2-2 “	5.69	7.50	7.73	9.78	10.00	10.91	.68
2-4 “	5.94	7.84	8.07	10.22	10.45	11.41	.72
2-6 “	6.19	8.18	8.43	10.66	10.90	11.90	.75
1-6x6-8 “	4.62	6.09	6.28	7.94	8.13	8.78	.55
1-8 “	4.95	6.53	6.73	8.51	8.71	9.50	.59
2-0 “	5.50	7.26	7.48	9.46	9.68	10.56	.66
2-2 “	5.75	7.60	7.83	9.90	10.13	11.06	.69
2-4 “	6.02	7.94	8.17	10.34	10.58	11.55	.73
2-6 “	6.27	8.27	8.53	10.78	11.03	12.03	.75
2-8 “	6.52	8.61	8.88	11.22	11.48	12.53	.78
3-0 “	7.04	9.30	9.57	12.11	12.39	13.52	.85
2-0x7-0 “	5.69	7.50	7.73	9.78	10.00	10.91	.68
2-4 “	6.19	8.18	8.43	10.66	10.90	11.90	.75
2-6 “	6.46	8.51	8.78	11.10	11.35	12.39	.77
2-8 “	6.71	8.86	9.13	11.54	11.80	12.88	.80
3-0 “	7.23	9.54	9.82	12.42	12.72	13.87	.87
2-0x6-8 1¾″	6.49	8.25	8.47	10.45	10.67	11.55	.66
2-4 “	7.10	9.02	9.26	11.43	11.66	12.63	.73
2-6 “	7.40	9.41	9.66	11.91	12.17	13.17	.75
2-8 “	7.70	9.79	10.05	12.40	12.66	13.71	.78
3-0 “	8.31	10.56	10.85	13.38	13.65	14.78	.85
2-0x7-0 “	6.71	8.53	8.76	10.80	11.02	11.94	.68
2-4 “	7.32	9.30	9.54	11.77	12.02	13.01	.75
2-6 “	7.61	9.68	9.93	12.27	12.52	13.55	.77
2-8 “	7.92	10.07	10.33	12.75	13.01	14.09	.80
3-0 “	8.53	10.84	11.12	13.73	14.01	15.17	.87

All made to order quickly—Sizes not shown can also be furnished and will be priced in proportion. We can also furnish Brown or Calico Ash and either Quarter Sawn or Comb Grain White Oak. Prices on request. For two kinds of wood, take average price of both woods and add **50c** per door.

HOLLOW FLUSH CUPBOARD DOORS—No. 280

For Pine Cupboard Doors ¾″ thick, see page 114.

Sizes	Plain Gum or Ponderosa Pine	Plain Birch	Red Gum	Red Oak or Red Birch	White Oak or Poplar	Quart'd Figured Red Gum or Walnut	African Mahog. or Quart'd White Oak
1-0x1-0 1⅛″	$0.70	$0.80	$0.86	$0.96	$0.99	$1.30	$1.42
1-6 “	.79	.89	.97	1.07	1.10	1.45	1.58
2-0 “	.83	.94	1.00	1.11	1.16	1.51	1.65
2-6 “	1.01	1.14	1.23	1.36	1.41	1.85	2.02
3-0 “	1.24	1.41	1.52	1.68	1.74	2.28	2.50
1-6x1-6 “	.99	1.12	1.21	1.34	1.39	1.82	1.99
2-0 “	1.17	1.32	1.42	1.57	1.62	2.12	2.33
2-6 “	1.43	1.62	1.75	1.94	1.99	2.62	2.87
3-0 “	1.74	1.96	2.11	2.34	2.42	3.17	3.48
3-6 “	2.08	2.34	2.53	2.79	2.88	3.78	4.15
2-0x2-0 “	1.43	1.62	1.75	1.94	1.99	2.62	2.87
2-6 “	1.77	2.00	2.16	2.39	2.46	3.23	3.54
3-0 “	2.15	2.42	2.61	2.88	2.98	3.92	4.28
3-6 “	2.54	2.88	3.10	3.43	3.54	4.65	5.09
4-0 “	2.97	3.36	3.62	4.00	4.13	5.42	5.94

Average weight of above Doors—1⅛″.......20 lbs. 1⅜″........30 lbs. 1¾″......35 lbs.

SOLID FLUSH DOORS

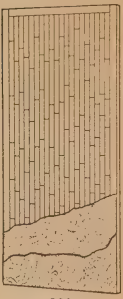
In the Fine American Hardwoods

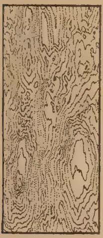
Made to Order

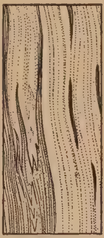
These Doors have solid Ponderosa Pine Cores which are made up of narrow strips glued together. On each side of the glued-up strips is a sheet of "Cross Banding" (Veneer with the grain running horizontally) and then the Face Veneer, 1/16" thick with Grain running vertically, all of which is

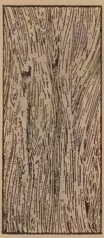
Bonded in a Hot Plate Press

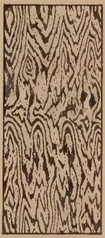
as described on page 82. The Cores have 1" hardwood Edge Strips to match the Face Veneer. After careful sanding and inspection the Doors are carton packed immediately to insure their arrival on the job in absolutely perfect condition.

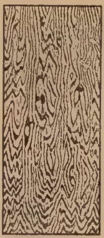

281

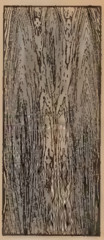

Birch


Plain Gum


Red Gum


Red Oak


White Oak


Black Walnut

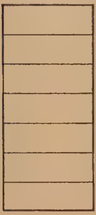
Prices per Door 1 3/4" thick — for Doors 1 3/8" thick deduct **20**c per door.

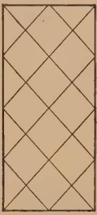
No. 281 Sizes	Plain Gum	Plain Birch	Red Gum Ponderosa Pine	White Oak Red Oak Poplar	Quart'd Figured Red Gum	Knotty Pine	African Mahogany	Black Walnut
2-0x6-0	$9.06	$9.26	$9.68	$10.51	$11.95	$12.97	$13.79	$14.83
2-0x6-6	9.32	9.53	9.94	10.79	12.28	13.33	14.18	15.24
2-2	9.76	9.98	10.42	11.31	12.86	13.96	14.85	15.96
2-4	10.20	10.43	10.89	11.81	13.43	14.60	15.52	16.68
2-6	10.64	10.88	11.36	12.32	14.01	15.22	16.19	17.40
2-8	11.08	11.33	11.83	12.84	14.60	15.85	16.86	18.12
2-10	11.52	11.78	12.30	13.34	15.18	16.49	17.53	18.84
3-0	11.96	12.23	12.77	13.86	15.76	17.12	18.21	19.56
2-0x6-8	9.44	9.66	10.09	10.95	12.44	13.52	14.38	15.44
2-2	9.88	10.10	10.55	11.45	13.02	14.15	15.04	16.17
2-4	10.32	10.55	11.02	11.96	13.61	14.77	15.71	16.89
2-6	10.76	11.00	11.50	12.47	14.18	15.40	16.38	17.61
2-8	11.20	11.45	11.97	12.98	14.76	16.04	17.05	18.33
2-10	11.64	11.90	12.43	13.50	15.35	16.67	17.72	19.05
3-0	12.08	12.35	12.90	14.00	15.93	17.29	18.39	19.77
2-0x7-0	9.76	9.98	10.42	11.31	12.86	13.96	14.85	15.96
2-2	10.20	10.43	10.89	11.81	13.43	14.60	15.52	16.68
2-4	10.64	10.88	11.36	12.32	14.01	15.22	16.19	17.40
2-6	11.08	11.33	11.83	12.84	14.60	15.85	16.86	18.12
2-8	11.52	11.78	12.30	13.34	15.18	16.49	17.53	18.84
2-10	11.96	12.23	12.77	13.86	15.75	17.12	18.21	19.56
3-0	12.40	12.67	13.24	14.37	16.34	17.74	18.88	20.28
3-2	13.02	13.32	13.92	15.09	17.17	18.65	19.83	21.32
3-4	13.65	13.96	14.59	15.83	18.00	19.55	20.79	22.34
3-6	14.28	14.61	15.26	16.56	18.83	20.45	21.75	23.38

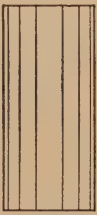
All made to order quickly—Sizes not shown can also be furnished and will be priced in proportion. For two kinds of wood, take average price of both woods and add **50**c per door. For ''V'' Grooves cut in Knotty Pine doors (only) add 15c per groove.
We can also furnish Brown or Calico Ash, Selected Red Birch, and either Quarter Sawn or Comb Grain White Oak. Average weight of above Doors—1⅜"........40 lbs. 1¾"........50 lbs.

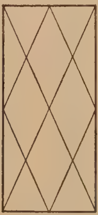
DECORATIVE FLUSH DOORS – ULTRA MODERN

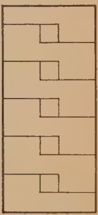
With the spread of Swedish and other European styles of Decoration has come a demand for doors with plain surfaces relieved only by small ''V''-grooves. These grooves also provide lines of demarkation between the various colors, shades or tints of the decorative scheme and can follow any desired pattern. We show below a few suggestions together with the extra cost involved.


281-A


281-B


281-C


281-D

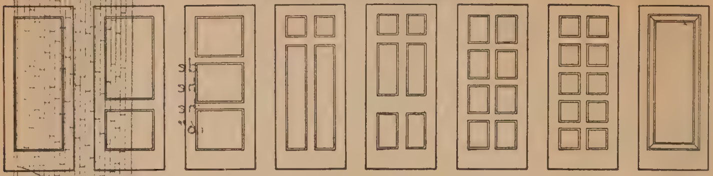

281-E

To arrive at prices on above Doors—**Add 20%** to the price of any Solid Flush Door shown at top of this page (to provide ⅛" thick veneers) and then **Add** as follows:

	281-A	281-B	281-C	281-D	281-E
''V'' grooved on 1 side only	$0.90	$1.50	$0.90	$0.90	$1.80
''V'' grooved on both sides	1.80	3.00	1.80	1.80	3.60

VENEERED HARDWOOD DOORS

Made To Order



282 One Panel — 283 Two Panel — 284 3 Equal Panel — 285 4 Panel Colonial — 286 6 Panel Colonial — 287 8 Panel English — 288 10 Panel English — 289 Miracle Type

Our Veneered Hardwood Doors represent the finest achievement of the Industry and are

Bonded in a Hot Plate Press

The Veneers, $\frac{1}{8}$" thick on Stiles and Rails and $\frac{1}{16}$" thick on panels, are carefully selected. The Cores for the Stiles and Rails are glued-up of narrow strips which have been twice kiln dried to minimize the natural tendency of wood to warp, twist, shrink or swell. Panels are **FLAT** 3-ply laminated. The Cores have 1" hardwood Edge Strips to match the Face Veneers and all Doors have solid Cove and Bead Sticking. After careful sanding and inspection, the Doors are carton packed immediately to insure their arrival on the job in absolutely perfect condition.

Price per Door 1 3/8" thick. If 1 3/4" thick, add 90c per Door

Odd or smaller sizes take price of next larger size—**6-6** high same price as **6-8**—**6-10** same as **7-0**.

PLAIN GUM	282	283	284	285	286	287	288	289
2-0x6-8	$6.59	$6.37	$6.67	$7.18	$7.62	$7.91	$8.21	$6.74
2-2	6.72	6.50	6.80	7.32	7.76	8.04	8.34	6.88
2-4	6.90	6.68	6.97	7.49	7.93	8.22	8.51	7.05
2-6	7.13	6.91	7.21	7.72	8.16	8.45	8.75	7.28
2-8	7.40	7.18	7.48	8.00	8.44	8.72	9.02	7.56
2-10	7.72	7.50	7.80	8.32	8.76	9.04	9.34	7.88
3-0	8.09	7.87	8.16	8.68	9.12	9.41	9.70	8.35
2-0x7-0	7.13	6.91	7.21	7.72	8.16	8.45	8.75	7.28
2-2	7.27	7.05	7.35	7.87	8.31	8.59	8.89	7.43
2-4	7.45	7.23	7.52	8.04	8.48	8.77	9.06	7.60
2-6	7.68	7.46	7.76	8.27	8.71	9.00	9.30	7.83
2-8	7.95	7.73	8.03	8.55	8.99	9.27	9.57	8.11
2-10	8.26	8.04	8.34	8.86	9.30	9.58	9.88	8.42
3-0	8.64	8.42	8.71	9.23	9.67	9.96	10.25	8.79
BIRCH								
2-0x6-8	7.36	7.14	7.44	7.95	8.39	8.68	8.98	7.51
2-2	7.51	7.29	7.59	8.11	8.55	8.83	9.13	7.67
2-4	7.72	7.50	7.80	8.32	8.76	9.04	9.34	7.88
2-6	7.98	7.76	8.05	8.57	9.01	9.30	9.59	8.13
2-8	8.28	8.06	8.36	8.88	9.32	9.60	9.90	8.44
2-10	8.65	8.43	8.72	9.24	9.68	9.97	10.26	8.80
3-0	9.05	8.83	9.13	9.65	10.09	10.37	10.67	9.21
2-0x7-0	7.98	7.76	8.05	8.57	9.01	9.30	9.59	8.13
2-2	8.13	7.91	8.21	8.72	9.16	9.45	9.75	8.28
2-4	8.34	8.12	8.42	8.93	9.37	9.66	9.96	8.49
2-6	8.59	8.37	8.67	9.19	9.63	9.91	10.21	8.75
2-8	8.90	8.68	8.98	9.49	9.93	10.22	10.52	9.05
2-10	9.26	9.04	9.34	9.86	10.30	10.58	10.88	9.42
3-0	9.67	9.45	9.75	10.26	10.70	10.99	11.29	9.82
RED GUM								
2-0x6-8	8.21	7.94	8.24	8.82	9.26	9.56	9.86	8.46
2-2	8.37	8.11	8.40	8.99	9.43	9.72	10.02	8.62
2-4	8.59	8.33	8.62	9.21	9.65	9.94	10.24	8.84
2-6	8.88	8.61	8.91	9.49	9.93	10.23	10.53	9.13
2-8	9.21	8.94	9.24	9.82	10.26	10.56	10.86	9.46
2-10	9.59	9.33	9.63	10.21	10.65	10.95	11.24	9.85
3-0	10.04	9.78	10.08	10.66	11.10	11.40	11.69	10.30
2-0x7-0	8.88	8.61	8.91	9.49	9.93	10.23	10.53	9.13
2-2	9.04	8.78	9.08	9.66	10.10	10.40	10.69	9.30
2-4	9.26	9.00	9.30	9.88	10.32	10.62	10.91	9.52
2-6	[illegible]	9.27	9.57	10.15	10.59	10.89	11.19	9.79
2-8	9.88	9.61	9.91	10.49	10.93	11.23	11.53	10.13
2-10	10.26	10.00	10.30	10.88	11.32	11.62	11.91	10.52
3-0	10.71	10.45	10.75	11.33	11.77	12.07	12.36	10.97
RED OAK								
2-0x6-8	8.79	8.53	8.82	9.41	9.85	10.14	10.44	9.04
2-2	8.97	8.70	9.00	9.58	10.02	10.32	10.62	9.22
2-4	9.21	8.94	9.24	9.82	10.26	10.56	10.86	9.46
2-6	9.52	9.24	9.54	10.12	10.56	10.86	11.15	9.76
2-8	9.87	9.60	9.90	10.48	10.92	11.22	11.52	10.12
2-10	10.29	10.02	10.32	10.90	11.34	11.64	11.94	10.54
3-0	10.77	10.51	10.80	11.39	11.83	12.12	12.42	11.02
2-0x7-0	9.50	9.24	9.54	10.12	10.56	10.86	11.15	9.76
2-2	9.69	9.43	9.72	10.31	10.75	11.04	11.34	9.94
2-4	9.92	9.66	9.96	10.54	10.98	11.28	11.57	10.18
2-6	10.23	9.97	10.26	10.85	11.29	11.58	11.88	10.48
2-8	10.58	10.32	10.62	11.20	11.64	11.94	12.23	10.84
2-10	11.01	10.75	11.04	11.63	12.07	12.36	12.66	11.26
3-0	11.48	11.22	11.52	12.10	12.54	12.84	13.13	11.74

ADD as follows per door for **RAISED** instead of **FLAT PANELS:**

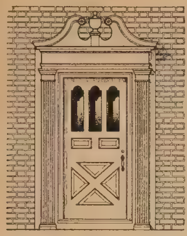
No. **286**	6 Panel Colonial	Solid or Veneered	$5.20
No. **287**	8 Panel English	" " "	7.10

OTHER DESIGNS or special layouts quoted upon request. We can also furnish Brown or Calico Ash, Selected Red Birch, Poplar, Chestnut, Quartered Figured Red Gum, Knotty White Pine, Figured African Mahogany, American Black Walnut and either Plain Sawn, Quarter Sawn or Comb Grain White Oak. **Veneered French Doors** quoted on request.

COLONIAL FRONT ENTRANCES

True Early American Period Reproductions

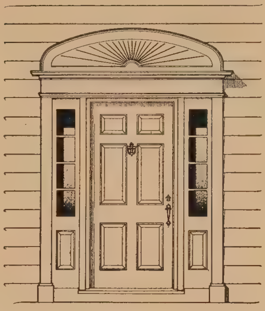
Clear Ponderosa Pine *TOX-I-SEALED*



291

Winthrop

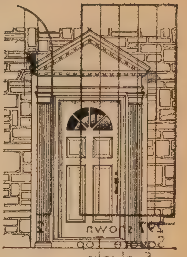
$29



296

Miles Standish

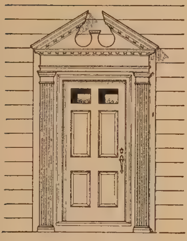
$29



295

Plymouth

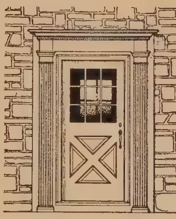
$27



292

Cape Cod

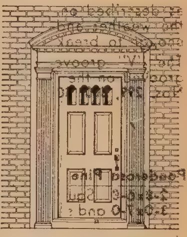
$26



293

Gloucester

$22



294

Providence

$30

Exterior Trim for Nos. **291** to **295** can be used on doors from 2-8x6-8 to 3-4x7-0.

Exterior Trim for No. **296** can be used on 6-8 to 7-0 doors 3-0 wide with 1-2 side Lights. 3-4 wide with 1-0 side Lights.

All Parts TOX-I-SEALED			ADD FOR FRAME FOR			
Design Number	Outside Dimensions Width x Height	**Exterior Trim Only**	5¼″ Stud or Frame Wall with Oak Sill	9″ Brick Wall 9″ Jamb No Sill	Brick Veneered Wall 10⅛″ Jamb No Sill	Brick Veneered Wall 10⅛″ Jamb with Oak Sill
291	5-7x 9-9	**$29.00**	**$4.70**	**$6.60**	**$8.20**	**$9.50**
292	5-7x 9-11	**26.00**	**4.70**	**6.60**	**8.20**	**9.50**
293	5-7x 8-1	**22.00**	**4.70**	**6.60**	**8.20**	**9.50**
294	5-7x 9-3	**30.00**	**4.70**	**6.60**	**8.20**	**9.50**
295	5-7x10-1	**27.00**	**4.70**	**6.60**	**8.20**	**9.50**
296	6-6x 9-2	**29.00**	**14.00**	**19.00**	**24.00**	**29.00**

*Fan Panel over No. **296** Entrance is **1′-10″** high—if **not** wanted, deduct................**$16.00**

Pilasters are fluted on one face and plain on the other — either face can be left exposed. No Doors (see below), Interior Trim (see page 70), nor Hardware (see page 141) included in above prices. In ordering, state Door and Side Light size, Kind and Thickness (overall) of Wall. **Outside dimensions** of Exterior Trim as shown above are for **3-0x7-0** Doors.

EARLY AMERICAN PERIOD DOORS

Give Character to a Modern Colonial Home

MADE FROM CLEAR PONDEROSA PINE

Prices per Door		291		292		293		294	
Size	Thick	Open	Gla.	Open	Gla.	Open	Gla.	Open	Gla.
2- 8x6-8	1¾″	$16.94	**$18.35**	$7.29	**$7.71**	$13.01	**$14.04**	$12.86	**$14.05**
2-10x6-8	“	17.00	**18.49**					13.63	**14.85**
3- 0x6-8	“	17.06	**18.60**	7.75	**8.19**	13.14	**14.25**	13.88	**15.13**
3- 0x7-0	“	17.43	**19.05**	8.20	**9.39**	13.50	**14.74**	14.85	**16.19**

Prices per Door		295		296	**Side Lights—Prices Each**		296	
Size	Thick	Open	Gla.	6 Panels	Sizes	Thick	Open	Gla.
2- 8x6-8	1¾″	$11.36	**$11.99**	**$9.38**	1-0, 1-2 or 1-4x6-8	1⅜″	$3.61	**$4.10**
2-10x6-8	“	11.61	**12.31**	**9.61**	“ “ 7-0	“	4.21	**4.70**
3- 0x6-8	“	11.83	**12.59**	**9.86**	“ “ 6-8	1¾″	4.51	**5.00**
3- 0x7-0	“	12.68	**13.44**	**10.39**	“ “ 7-0	“	5.11	**5.60**

NOTE—Doors have heavy flush mould outside except No. **296** which has heavy raised mould. For Knockers and Colonial Door Hardware in Brass or Imitation Hammered Iron Finish, see page 141.

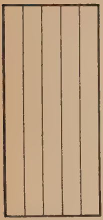
Any of the above Doors can be ***TOX-I-SEALED*** for **25c** per Door extra when so specified on order. Whether ***TOX-I-SEALED*** or not, the top and bottom edges of **every Exterior Door** should be given at least one coat of spar varnish **after** the door has been fitted.

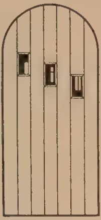
TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG. U.S. PAT. OFF.

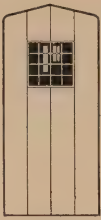
MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

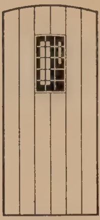
MISSION PLANK DOORS

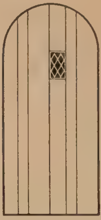
For Outside Exposure – 1/4″ Veneers

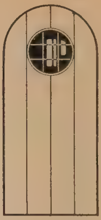

297 shown
Square Top
5 planks


298 shown
Circle Top
7 planks


299 shown
Gothic Top
4 planks


300 shown
Segment Top
6 planks


301 shown
Circle Top
Random planks


301-A shown
Circle Top
4 planks

Glass Size............5″x7″.......18″x18″......12″x20″.......8″x12″.......18″x18″

Tops Can Be Shaped Any Way Desired — Send Full Size Pattern If Not Square or True Half Circle.

The Ripple Grain Fir and Philippine Mahogany Doors are put up with Waterproof Glue. All the rest are

Bonded in a Hot Plate Press

as described on page 82. This means that the veneers will not come loose when exposed to the weather and that the Doors will stay straight, as the "pull" of the wood is not strong enough to break the Resin Bonded Joints.

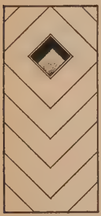
The "V" grooves are cut in as ordered but, unless otherwise specified, we will ship "V" grooved on the Exterior Side only. Door No. **298** is glazed with 3/16″ Crystal Glass. Nos. **299, 300, 301** and **301-A** are glazed with Leaded Glass (D.S.A. set in Hard Metal Bars).

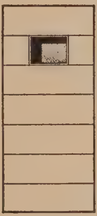
PRICES PER DOOR—1¾″ Thick
Glazed As Shown Above
"V" grooved Outside only

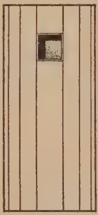
Ponderosa Pine		297	298	299	300	301	301-A
2-8x6-8	Square Top Only	$12.05	$15.16	$13.71	$14.08	$14.08	$17.84
3-0x7-0 and smaller	Square Top	13.73	16.84	15.39	15.76	15.76	19.52
" " "	Any Shaped Top	15.92	19.03	17.58	17.63	17.94	21.71
Ripple Grain Fir							
2-8x6-8	Square Top Only	12.04	15.15	13.70	14.07	14.07	17.83
3-0x7-0 and smaller	Square Top	13.92	17.03	15.58	15.95	15.95	19.71
" " "	Any Shaped Top	16.11	19.22	17.45	17.82	18.13	21.90
Philippine Mahogany							
2-8x6-8	Square Top Only	14.65	17.76	16.31	16.68	16.68	20.44
3-0x7-0 and smaller	Square Top	17.00	20.11	18.66	19.03	19.03	22.79
" " "	Any Shaped Top	19.19	22.30	20.53	20.90	21.21	24.98
Plain Birch							
2-8x6-8	Square Top Only	14.73	17.84	16.39	16.76	16.76	20.52
3-0x7-0 and smaller	Square Top	16.94	20.05	18.60	18.97	18.97	22.73
" " "	Any Shaped Top	19.13	22.24	20.79	20.84	21.15	24.92
Red Gum or Red Oak							
2-8x6-8	Square Top Only	15.16	18.27	16.82	17.19	17.19	20.95
3-0x7-0 and smaller	Square Top	17.43	20.54	19.09	19.46	19.46	23.22
" " "	Any Shaped Top	19.62	22.73	21.28	21.33	21.64	25.41
Add per Door if V-grooved **BOTH** Sides		.60	.90	.45	.75	.75	.45

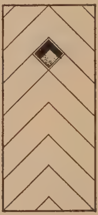
DECORATIVE FLUSH DOORS — ULTRA MODERN

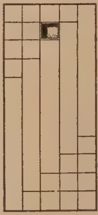
With the spread of Swedish and other European styles of Decoration has come a demand for doors with plain surfaces relieved only by small V-grooves. These grooves also provide lines of demarkation between the various colors, shades or tints of the decorative scheme and can follow any desired pattern. We show below a few suggestions together with the extra cost involved.


302-A


302-B


302-C


302-D


302-E

To figure prices, Add to the price of No. 297 above as follows:

	302-A	302-B	302-C	302-D	302-E
"V" grooved one side only	$1.50	$0.30	$0.30	$1.80	$1.20
" " both sides	3.60	1.20	1.20	4.20	3.00
Glass Opening extra	.80	.80	.80	.80	.80

Add as follows per light for glass: D.S.A.....20c 3/16″ Crystal.....30c 1/4″ Plate....40c

TOX-I-SEALED BY PEASE
ROT-PROOFED & MOISTURE-PROOFED & TERMITE-PROOFED
REG. U.S. PAT. OFF.

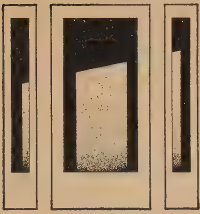
Any of above Doors can be ***TOX-I-SEALED*** for **25c** per Door extra when so specified on order. Whether ***TOX-I-SEALED*** or not, the top and bottom edges of **every exterior door** should be given at least one coat of spar varnish **after** the door has been fitted.

FRONT ENTRANCE DOORS

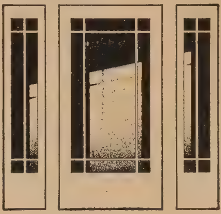
With or Without Side Lights

Clear Ponderosa Pine

Extra Wide (6¼") Stiles and Top Rails, 18" Bottom Rails
Munts ½" Between Glass. Wood Glass Stops



303

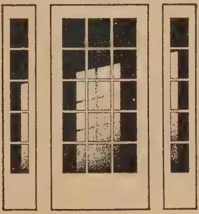


304

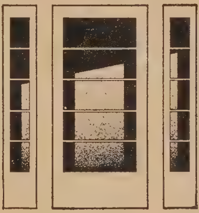
Prices Per Door or Per Side Light—Open, Glazed D.S., or Glazed 3/16" Crystal
Glass Size is 20¼"x56" in a 2-8x6-8 Door and 14"x56" in 1-6x6-8 Side Light

Sizes	Thick	303 Open	303 D. S.	303 Crys.	304 Open	304 D. S.	304 Crys.
*1- 6x6-8	1⅜"	$4.39	**$5.45**	$5.93	$4.14	**$5.20**	$5.68
2- 6x6-8	"				5.14	**7.00**	7.38
2- 8	"	4.38	**6.48**	6.90	5.21	**7.25**	7.73
2-10	"	5.93	**8.39**	8.59	5.30	**7.46**	7.96
3- 0	"	6.00	**8.51**	8.94	5.38	**7.73**	8.32
2- 8x7-0	"	6.14	**8.65**	8.80	5.51	**7.75**	8.17
2-10	"	6.21	**8.73**	9.01	5.59	**8.00**	8.39
3- 0	"	6.30	**8.94**	9.38	5.68	**8.21**	8.76
*1- 6x6-8	1¾"	5.36	**6.43**	6.90	5.49	**6.55**	7.03
*1- 6x7-0	"	5.69	**6.75**	7.37	6.71	**7.78**	8.39
2- 6x6-8	"	7.58	**9.68**	9.82	6.95	**8.81**	9.19
2- 8	"	6.03	**8.13**	8.55	7.06	**9.10**	9.58
2-10	"	6.19	**8.65**	8.85	7.20	**9.38**	9.86
3- 0	"	6.31	**8.83**	9.25	7.31	**9.66**	10.25
2- 6x7-0	"	6.38	**8.48**	8.76			
2- 8	"	6.53	**9.04**	9.19	7.51	**9.75**	10.17
2-10	"	6.65	**9.16**	9.45	7.63	**10.04**	10.43
3- 0	"	6.76	**9.40**	9.84	7.74	**10.40**	10.82

*Can also furnish Side Lights **1-0, 1-2** or **1-4** wide at prices shown for **1-6.**



305



305-A

Prices Per Door or Per Side Light—Open, Glazed D.S., or Glazed 3/16" Crystal
Glass Size is 20¼"x56" in a 2-8x6-8 Door and 14"x56" in 1-6x6-8 Side Light

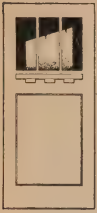
Sizes	Thick	305 Open	305 D. S.	305 Crys.	305-A Open	305-A D. S.	305-A Crys.
*1- 6x6-8	1⅜"	$4.08	**$4.95**	$5.33	$4.08	**$4.95**	$5.62
2- 6x6-8	"	5.40	**6.88**	9.15			
2- 8	"	5.49	**7.04**	9.24	5.31	**7.41**	7.83
2-10	"	5.56	**7.24**	9.31	6.86	**9.33**	9.52
3- 0	"	5.65	**7.36**	9.40	6.94	**9.45**	9.88
2- 8x7-0	"	5.78	**7.43**	9.53	7.08	**9.59**	9.74
2-10	"	5.86	**7.54**	9.61	7.15	**9.66**	9.95
3- 0	"	5.94	**7.74**	9.69	7.24	**9.88**	10.32
*1- 6x6-8	1¾"	5.05	**5.80**	6.30	5.05	**5.80**	6.59
*1- 6x7-0	"	5.38	**6.25**	6.63	5.38	**6.25**	7.06
2- 6x6-8	"	7.31	**8.79**	11.06	8.51	**10.61**	10.75
2- 8	"	7.43	**8.98**	11.18	6.96	**9.06**	9.48
2-10	"	7.56	**9.24**	11.31	7.13	**9.59**	9.79
3- 0	"	7.68	**9.39**	11.43	7.25	**9.76**	10.19
2- 6x7-0	"				7.31	**9.41**	9.69
2- 8	"	7.88	**9.53**	11.63	7.46	**9.98**	10.12
2-10	"	7.99	**9.66**	11.74	7.59	**10.10**	10.39
3- 0	"	8.10	**9.90**	11.85	7.70	**10.34**	10.78

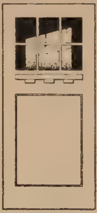
*Can also furnish Side Lights **1-0, 1-2** or **1-4** wide at prices shown for **1-6.**
For Doors with Narrower (3¾") Stiles and Top Rails and 9" Bottom Rails see French Doors on page 91

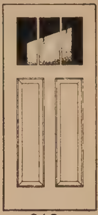
Any of the above Doors can be ***TOX-I-SEALED*** for **25c** extra per Door or Side Light when specified. Whether ***TOX-I-SEALED*** or not, the top and bottom edges of **every Exterior Door** should be given at least one coat of spar varnish **after** the door has been fitted.

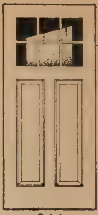
BUNGALOW FRONT DOORS

Clear Ponderosa Pine


308


309


310


311

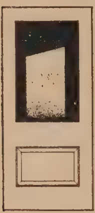
Open, Glazed with Clear Flat Drawn Glass, or Glazed ³⁄₁₆" Crystal
Wood Munts ½" Between Glass—Wood Stops for Glass Tacked-in

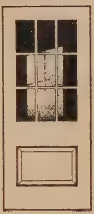
PRICES PER DOOR		— 308 —		— 309 —		— 310 —		— 311 —	
Glass Size in 2-8x6-8		6¾"x20"		6¾"x9¾"		7"x18"		7"x8¾"	
Sizes	Thick	Open	Glazed	Open	Glazed	Open	Glazed	Open	Glazed
2-8x6-8	1⅜"	$5.94	**$6.39**	$6.20	**$6.74**	$5.53	**$5.98**	$5.79	**$6.33**
3-0	"	6.20	**6.75**	6.46	**7.08**	5.79	**6.34**	6.05	**6.66**
2-10x7-0	"			6.81	**7.40**			6.40	**6.99**
3-0	"	6.70	**7.25**	7.24	**7.85**	6.29	**6.84**	6.83	**7.44**
2-6x6-8	1¾"					7.20	**7.64**		
2-8	"	7.78	**8.23**	8.08	**8.61**	7.35	**7.80**	7.66	**8.20**
2-10	"	7.96	**8.46**	8.25	**8.84**	7.54	**8.04**	7.84	**8.43**
3-0	"	8.15	**8.70**	8.44	**9.06**	7.71	**8.26**	8.03	**8.65**
2-8x7-0	"	8.43	**8.88**			7.99	**8.44**	8.30	**8.84**
2-10	"	8.60	**9.10**	8.90	**9.49**	8.18	**8.68**	8.49	**9.08**
3-0	"	8.79	**9.34**	9.08	**9.69**	8.36	**8.91**	8.66	**9.28**

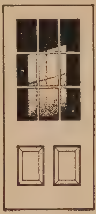
On any of above, ADD **50c** to Glazed Price for ³⁄₁₆" Crystal Sheet Glass

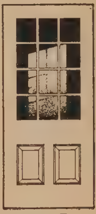
COLONIAL FRONT DOORS

Clear Ponderosa Pine — Solid Raised Panels


312-A


312-C


312-E


312-F

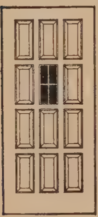
Open, Glazed with Clear Flat Drawn Glass, or Glazed ³⁄₁₆" Crystal
Wood Munts ½" Between Glass—Wood Stops for Glass Tacked-in

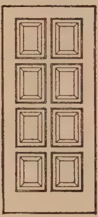
PRICES PER DOOR		— 312-A —		— 312-C —		— 312-E —		— 312-F —	
Glass Size in 2-8x6-8		22"x46"		7"x15"		7"x15"		7"x11¼"	
Size	Thick	Open	Glazed	Open	Glazed	Open	Glazed	Open	Glazed
2-6x6-8	1⅜"			$4.96	**$6.05**				
2-8	"	$4.35	**$6.05**	5.09	**6.18**	$5.03	**$6.11**	$5.55	**$6.80**
3-0	"	4.53	**6.63**	5.25	**6.41**	5.19	**6.35**	5.73	**7.10**
2-8x7-0	"	4.68	**6.51**						
2-10	"	4.76	**6.86**					5.94	**7.34**
3-0	"	4.85	**6.95**	5.55	**6.83**	5.49	**6.76**	6.03	**7.43**
2-6x6-8	1¾"	5.88	**7.40**	6.65	**7.74**	6.65	**7.74**	7.20	**8.39**
2-8	"	6.00	**7.70**	6.76	**7.85**	6.76	**7.85**	7.33	**8.58**
2-10	"	6.13	**7.83**	6.93	**8.09**	6.89	**8.05**	7.48	**8.85**
3-0	"	6.25	**8.35**	7.05	**8.21**	7.01	**8.18**	7.60	**8.98**
2-8x7-0	"	6.46	**8.30**	7.16	**8.35**	7.16	**8.35**	7.75	**9.21**
2-10	"	6.59	**8.69**	7.33	**8.60**	7.29	**8.56**	7.88	**9.28**
3-0	"	6.71	**8.81**	7.48	**8.75**	7.41	**8.69**	8.03	**9.43**

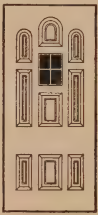
On any of above, ADD **$1.00** to Glazed Price for ³⁄₁₆" Crystal Glass

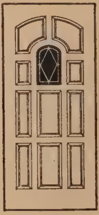
ENGLISH FRONT DOORS

Clear Ponderosa Pine — Solid Raised Panels


314-A


314-B


314-D


314-E

Glazed with Leaded Glass as shown.

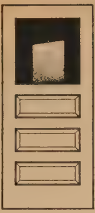
Prices per Door		—314-A—		314-B	—314-D—		—314-E—	
Size	Thick	Open	Glazed	8 Panel	Open	Glazed	Open	Glazed
3-0x6-8	1¾"	$13.60	**$14.25**	**$11.35**	$22.85	**$23.65**	$22.45	**$23.70**
3-0x7-0	"	14.60	**15.25**	**12.30**	23.90	**24.70**	23.45	**24.70**

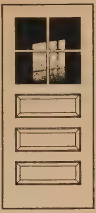
Any of the Doors on this or the opposite page can be ***TOX-I-SEALED*** for **25c** per Door extra when so specified on order. Whether ***TOX-I-SEALED*** or not, the top and bottom edges of **every Exterior Door** should be given at least one coat of spar varnish **after** the door has been fitted.

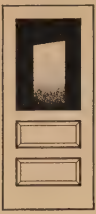
TOX-I-SEALED BY PEASE
ROT-PROOFED
MOISTURE-PROOFED
TERMITE-PROOFED
REG. U.S. PAT. OFF

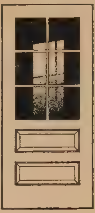
POPULAR GLASS DOORS

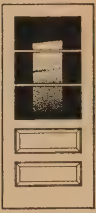
Strongly Constructed of Clear Ponderosa Pine


317


318


319


320

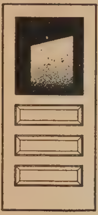

320- B

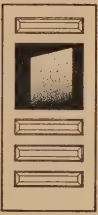
Munts ½" Between Glass — Wood Stops for Glass — Solid Raised Panels

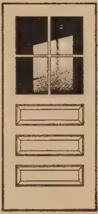
Prices per door		—317—		—318—		—319—		—320—		—320-B—	
Glass Size in 2-8x6-8		23½x26"		11½x12¾"		23½x36"		10¾x13"		23½x13"	
Size	Thick	Open	Gla.	Open	Gla.	Open	Gla.	Open	Gla.	Open	Gla.
2-6x6-6	1⅜"	$4.20	**$4.83**	$4.70	**$5.31**	$4.70	**$5.58**	$4.70	**$5.58**	$4.70	**$5.58**
2-6x6-8	"	4.25	**4.93**	4.75	**5.41**	3.85	**4.73**	3.85	**4.73**	3.85	**4.73**
2-8	"	4.38	**5.10***	4.88	**5.70**	4.83	**5.75**	4.83	**5.75**	4.83	**5.75**
2-10	"	4.46	**5.30***	4.98	**5.73**	4.90	**6.01**	4.90	**6.01**	4.90	**6.01**
3-0	"	4.58	**5.41***	5.09	**5.93**	5.00	**6.11**	5.00	**6.11**	5.00	**6.11**
2-6x7-0	"	4.55	**5.31**	5.06	**5.83**	5.03	**6.01**	5.03	**6.01**	5.03	**6.01**
2-8	"	4.68	**5.51**	5.19	**6.00**	5.11	**6.16**	5.11	**6.16**	5.11	**6.16**
2-10	"	4.79	**5.71**	5.30	**6.16**	5.19	**6.30**	5.19	**6.30**	5.19	**6.30**
3-0	"	4.88	**6.11**	5.38	**6.28**	5.29	**6.54**	5.29	**6.54**	5.29	**6.54**
2-6x6-6	1¾"	5.65	**6.28**	6.28	**6.89**	6.31	**7.19**	6.31	**7.19**	6.31	**7.19**
2-6x6-8	"	5.73	**6.40**	6.34	**7.00**	6.38	**7.25**	6.38	**7.25**	6.38	**7.25**
2-8	"	5.88	**6.60***	6.49	**7.19**	6.49	**7.41**	6.49	**7.41**	6.49	**7.41**
2-10	"	6.03	**6.86***	6.65	**7.40**	6.61	**7.73**	6.61	**7.73**	6.61	**7.73**
3-0	"	6.19	**7.03***	6.80	**7.64**	6.74	**7.85**	6.74	**7.85**	6.74	**7.85**
2-6x7-0	"	6.15	**6.91**	6.76	**7.53**	6.76	**7.75**	6.76	**7.75**	6.76	**7.75**
2-8	"	6.31	**7.15**	6.93	**7.74**	6.89	**7.94**	6.89	**7.94**	6.89	**7.94**
2-10	"	6.46	**7.39**	7.08	**7.94**	7.01	**8.13**	7.01	**8.13**	7.01	**8.13**
3-0	"	6.61	**7.85**	7.23	**8.13**	7.11	**8.36**	7.11	**8.36**	7.11	**8.36**
For 5/16" Crystal or Obscure Glass, Add			**.75**		**.75**		**.95**		**.95**		**.95**

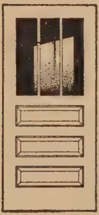
*These sizes can also be furnished **6-6** high at same price.

SOFT YELLOW FIR GLASS DOORS


321


322


324-A


324-B

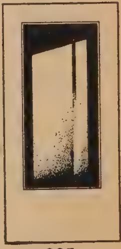
All have solid raised panels

Prices per door		—321—		—322—		—324-A—		—324-B—	
Glass Size in 2-8x6-8		23½x30"		23½x26"		11½x14¾"		7½x30"	
Size	Thick	Open	Gla.	Open	Gla.	Open	Gla.	Open	Gla.
2-6x6-6	1⅜"	$4.16	**$4.79**	$4.16	**$4.71**	$4.41	**$5.10**	$4.35	**$5.03**
2-8	"	4.26	**4.99**			4.51	**5.21**	4.45	**5.18**
2-6x6-8	"	4.21	**4.89**	4.21	**4.80**	4.46	**5.13**	4.40	**5.10**
2-8	"	4.31	**5.04**	4.31	**4.94**	4.53	**5.26**	4.50	**5.23**
2-10	"	4.50	**5.34**	4.50	**5.18**	4.75	**5.50**	4.69	**5.54**
3-0	"	4.69	**5.53**	4.69	**5.41**	4.94	**5.76**	4.88	**5.73**
2-10x6-10	"	4.80	**5.64**	4.80	**5.53**	5.50	**5.84**	4.99	**5.84**
2-6x7-0	"	4.56	**5.33**			4.81	**5.58**	4.75	**5.51**
2-8	"	4.66	**5.59**			4.91	**5.73**	4.85	**5.66**
2-10	"	4.85	**5.78**	4.85	**5.69**	5.10	**5.96**	5.04	**5.96**
3-0	"	5.06	**6.21**	5.06	**5.90**	5.31	**6.21**	5.25	**6.18**
2-8x6-8	1¾"	5.58	**6.24**			5.83	**6.53**	5.76	**6.54**
2-10	"					6.29	**7.04**		
3-0	"	6.31	**7.15**			6.56	**7.40**	6.50	**7.35**
2-8x7-0	"	6.04	**6.88**			6.29	**7.10**	6.23	**7.03**
2-10	"	6.53	**7.45**			6.78	**7.64**	6.71	**7.64**
3-0	"	6.79	**7.94**			7.04	**7.94**	6.98	**7.90**
For 5/16" Crystal or Obscure Glass, Add			**.95**		**.75**		**.95**		**.95**

STORE DOORS

6½" Stiles and Top Rails — 18½" Bottom Rails. Wood Stops for Glass

No. 325 — Clear Ponderosa Pine

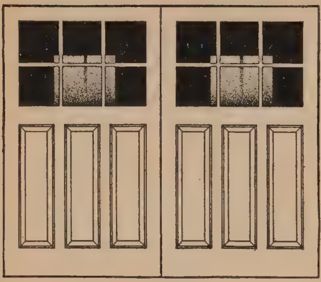

325

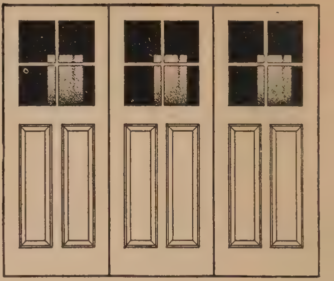
PRICES PER DOOR		—1¾" Thick—			—2¼" Thick—		
Door Size	Glass Size	Open	Gla. D.S.	Gla Crys.	Open	Gla. D.S.	Gla Crys
3-0x7-0	24x60	$6.76	**$9.40**	$10.06	$11.84	**$14.48**	$15.14
3-2	26x60	7.78	**11.00**	11.35	13.61	**16.84**	17.19
3-4	28x60	7.78	**11.00**	11.35	13.61	**16.84**	17.19
3-6	30x60	7.90	**11.13**	11.75	13.83	**17.05**	17.68
3-0x7-6	24x66	7.38	**10.60**	10.95	12.91	**16.14**	16.49
3-2	26x66	8.49	**11.71**	12.34	14.85	**18.08**	18.70
3-4	28x66	8.49	**11.71**	12.34	14.85	**18.08**	18.70
3-6	30x66	8.60	**11.83**	13.83	15.05	**18.28**	20.28

STANDARD GARAGE DOORS

Old Growth Fir — The Weather-Resisting Wood

STRONG, STURDY AND WELL PROPORTIONED


326


327

PRICES PER OPENING—1¾″ thick

No. 326—2 Doors	Glass Size	Weight (Glazed)	OPEN Wood Stops for Glass mitered and tacked-in	WITH GLASS Cut to exact size and boxed to save freight
8-0x7-0 Per Pair	12x13″	200 Lbs.	$12.80 per pair	$14.55 per pair
7-6 "	12x16″	205 "		
8-0 "	12x16″	215 "		
8-6 "	12x16″	240 "	$16.15	$18.03
9-0 "	12x16″	255 "	16.31	18.19
9-0x7-6 "	14x14″	240 "	18.55	20.43
8-0 "	14x16″	250 "	18.80	20.73
8-6 "	14x16″	275 "	20.09	22.03
9-0 "	14x16″	290 "	20.40	22.28
No. 327—3 Doors				
8-0x7-0 Per Set	11¼x13″	200 Lbs.	$13.60 per set	$15.35 per set
7-6 "	11¼x16″	210 "		
8-0 "	11¼x16″	215 "		
8-6 "	11¼x16″	245 "	$17.08	$18.78
9-0 "	11¼x16″	260 "	17.35	18.94
9-0x7-6 "	13¼x14″	240 "	17.08	21.18
8-0 "	13¼x16″	255 "	17.35	21.48
8-6 "	13¼x16″	275 "	18.70	22.78
9-0 "	13¼x16″	290 "	18.95	23.03

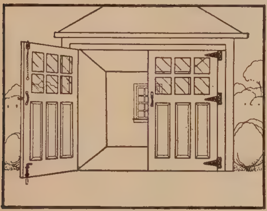
Single Doors are 1/2 Price of a Pair or 1/3 Price of a Set plus 10%.

TOX-I-SEALED GARAGE DOORS

Rot-proofed — Termite-proofed — Moisture-proofed
Cost less to paint—withstand the weather better
Add 75c per pair or set to above prices and specify

GARAGE DOOR HARDWARE

For Doors Up to 8-0 x 8-0


328-A

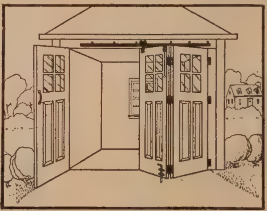
For One Pair of Doors—To Swing Out

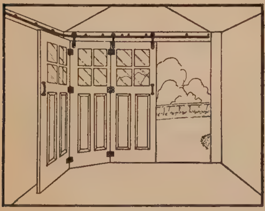
328-A Consists of 3 pairs 10″ embossed loose pin reversible T-hinges, 1 9″ thumb latch, 1 only 9″ door pull, 1 only 6″ chain bolt and 1 only 12″ cane bolt, complete with screws, etc. Japanned finish. Weight 20 pounds. Price................ **$2.30 set**

328-B Garage Door Holders. Hold Doors open at right angle. Slight pull on chain releases them. Japanned finish. Price per pair............................$2.13

For One Set of Three Doors To Slide and Fold—Inside or Out

328-D Consists of 1 hanger, 1 piece flat track 6½′ long, 1 chain bolt, 4½ pair 4″ broad butt hinges, 1 thumb latch, 2 door pulls and 1 18″ cane bolt. All complete with screws and bolts. Japanned finish. 6¾″ head room required. Weight 22 lbs. Price.................................... **$3.50 set**


328-D


328-E

For One Set of Three Doors To Slide Around Corner—Inside

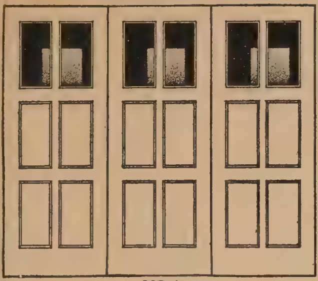
328-E Consists of 3 swivel hangers; 2 pieces of flat track 8′ long; 1 piece of curved track 4′ long; 3 pairs 5x4½″ surface hinges; 2 adjustable floor guides; 2 door pulls and 1 hasp for padlock. All complete with bolts, screws and washers. Japanned finish. Only 5″ headroom required. Weight 28 lbs. Price.... **$4.40 set**

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

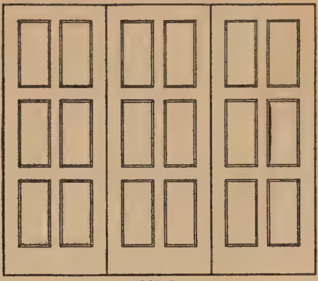
JUNIOR GARAGE DOORS

Just the Thing for Low Cost Housing

SUBSTANTIALLY MADE OF OLD GROWTH FIR



327-A



327-B

PRICES PER SET OF 3 DOORS

8-0 x 6-8 – 1 3/8" thick

Glass Size 11"x20". Weight 120 lbs.

lo. 327-A Open 'ood Stops for Glass tered and tacked-in. **$980** per set

lo. 327-A With Glass ut to exact size and oxed to save freight. **$1095** per set

lo. 327-B Panelled lo provision for glass. **$990** per set

8-0 x 7-0 – 1 3/8" thick

Glass Size 11"x21¼". Weight 130 lbs.

No. 327-A Open Wood Stops for Glass mitered and tacked-in. **$1060** per set

No. 327-A With Glass Cut to exact size and boxed to save freight. **$1185** per set

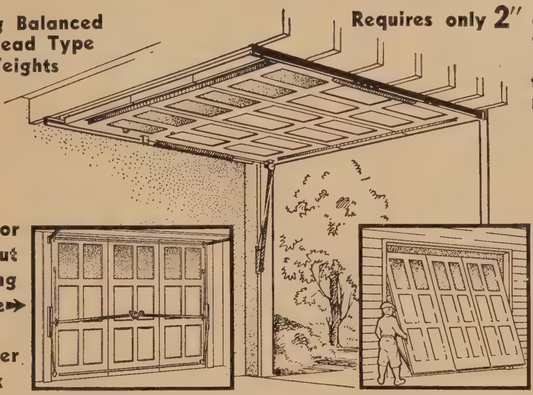
No. 327-B Panelled No provision for glass. **$1070** per set

TOX-I-SEALED GARAGE DOORS

Rot-proofed — Termite-proofed — Moisture-proofed
Cost less to paint—withstand the weather better
Add 75c per pair or set to above prices and specify

Simplex HARDWARE

Spring Balanced Overhead Type No Weights



Requires only 2" of headroom, thus making it just the thing for Basement Garages.

With or Without Locking Device→ and Cylinder Lock

Converts old Doors into the modern Overhead Type for $1165 Up

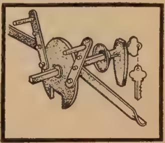
330

- **A STURDY ANGLE IRON,** secured across the top and another across the bottom of the entire opening make a single unit of either a pair or a set of three doors. Angle Irons are 7'6" long.
- **A PAIR OF SPRINGS,** specially heat-treated and oil-tempered, are secured to door and jambs (one at each side). Only a small upward force is then required to raise the door into an overhead position—entirely out of the way—and it is locked there until released. Ball bearing rollers in hardened steel raceways make the operation easy and quiet.
- **THE SPRINGS COUNTER-BALANCE** the door when it is released and a gentle pull on the cord brings the door down to the closed position where it forms a weathertight job not affected by wind, ice or snow. The springs are easily adjusted so that the tension will balance the door exactly at all times, thus insuring continued satisfactory operation.
- **HARDWARE** includes outside opening handle, inside pull down strap and slide bolt latch as well as a complete set of Weatherstrip. Locking Device with cylinder lock and 2 keys is optional.

PRICES PER COMPLETE SET OF HARDWARE

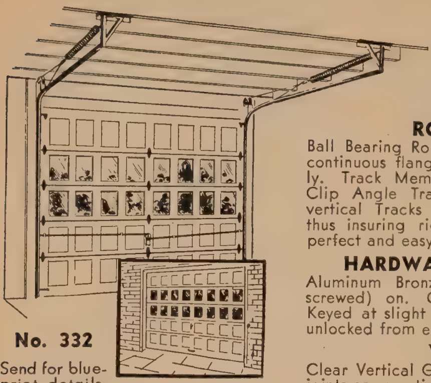
No.	Maximum Size of Doors Wide–High	Thick	Weight of Doors Alone Minimum	Maximum	Weight of Hardware	Without Locking Device	With Locking Device
330-A	8-0x7-0	1⅜"	135 lbs.	200 lbs.	95 lbs.	$11.65	$14.10
330-B	8-0x7-0	1¾"	200 "	250 "	100 "	15.30	17.75
330-C	8-0x8-0	1¾"	200 "	250 "	106 "	15.45	17.90

Hardware will not operate successfully if Doors exceed weights or sizes.



SECTIONAL OVERHEAD TYPE

Made Any Size up to 16′ Wide x 12′ High



No. 332

Send for blue-print details.

Shown 8 panels wide, 5 sections high, with 3rd and 4th sections from bottom open for glass.

DIRECT ACTION SPRINGS

Perfectly counter-balanced and controlled in any position by **oil-tempered, adjustable** Springs. Machine Chain is firmly secured at bottom of door on each side and passes through Ball Bearing Sheaves to the Springs.

ROLLERS and TRACK

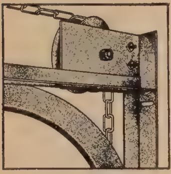
Ball Bearing Rollers carry all sections of Door over a continuous flanged channel Track quickly and smoothly. Track Members are Aluminum Bronze Finished. Clip Angle Track Mountings are provided for all vertical Tracks and fasten solid against the jambs—thus insuring rigid track alignment so necessary for perfect and easy operation of Door.

HARDWARE and LOCKING DEVICE

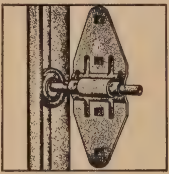
Aluminum Bronze Finished Hardware is bolted (not screwed) on. Cylinder lock (which may be Master Keyed at slight additional expense) can be locked or unlocked from either side.

WOOD SECTIONS

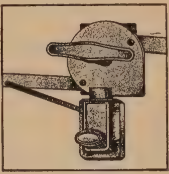
Clear Vertical Grain Douglas Fir or Sitka Spruce. All joints are mortised, tenoned, pinned and glued. Panels are of 3-Ply Old Growth Fir laminated in Waterproof Glue. All sections are rabbetted together to form air-tight joints when closed, fitted to net size, squared for opening and drilled for the hardware.



Chain and Sheave



Roller and Hinge



Lock from Inside

Lock from Outside

Price of Door Complete — with all necessary Track and Hardware but without Glass

BUILT-to-ORDER—1 3/8″ Thick—Made to Exact Size of Opening

Widths (Up To)	Heights (Up To) 6-6	7-0	7-6	8-0	8-6	9-0	9-6	10-0	11-0	12-0
8-0	$44.00	$44.00	$44.00	$44.00	$46.75	$49.50	$52.25	$55.00	$60.50	$66.00
8-6	44.00	44.00	44.00	46.75	49.50	52.95	55.70	58.45	64.65	70.15
9-0	44.00	44.00	46.75	49.50	52.95	55.70	59.15	61.90	68.05	74.25
9-6	44.00	46.05	49.50	52.25	55.70	59.15	61.90	65.30	72.20	78.40
10-0	44.70	48.15	51.55	55.00	58.45	61.90	65.30	68.75	75.65	82.50
10-6	47.45	50.90	54.30	57.75	61.20	65.30	68.75	72.20	79.75	
11-0	49.50	52.95	57.05	60.50	64.65	68.05	72.20	75.65	83.20	
11-6	51.55	55.70	59.15	63.25	67.40	71.50	74.95	79.05		
Following have Steel Struts in 3 sections to prevent any possibility of Sagging.										
12-0	53.65	57.75	61.90	66.00	70.15	74.25	78.40	82.50		
12-6	56.40	60.50	64.65	68.75	72.85	77.70	81.80			
13-0	58.45	62.55	67.40	71.50	76.30	80.45				
13-6	60.50	65.30	69.45	74.25	79.05					
Following have Steel Struts in all sections to prevent any possibility of Sagging.										
14-0	62.55	67.40	72.20	77.00						
14-6	65.30	70.15	74.95	79.75						
15-0	67.40	72.20	77.70	82.50						
15-6	69.45	74.95	79.75	85.25						
16-0	71.50	77.00	82.50	88.00						

For sizes not listed see 1¾″ thick Doors priced on opposite page.

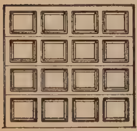
STANDARD LAYOUTS for BUILT-to-ORDER DOORS

Up to 10′-0″ wide, 6 panels (or lights) in width.
" " 12′-0 " 8 " " " " "
" " 14′-0″ " 10 " " " " "
" " 16′-0″ " 12 " " " " "

Up to 7′-0″ high, 3 sections in height.
" " 8′-6″ " 4 " " "
" " 10′-6″ " 5 " " "
" " 12′-6″ " 6 " " "

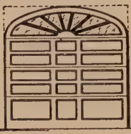
The third section from the bottom is usually left open for glass, but **Built-to-Order** doors can be "all panelled" or any number of panels can be left open for glass (with wood stops tacked in) at no extra expense except for the glass—see opposite page.

SPECIAL DESIGNS—add as shown below to BUILT-TO-ORDER DOOR PRICES



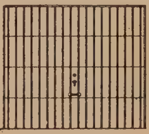
COLONIAL

Heavily moulded outside with Raised panels 30c per sq. ft. extra.



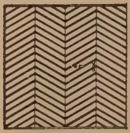
SUN BURST

$16.00 Extra For Top. Lower sections can be Panelled or Battened.



ENGLISH

Vertical Battens, 2 ply V-Jointed or Beaded 40c per sq. ft. extra.

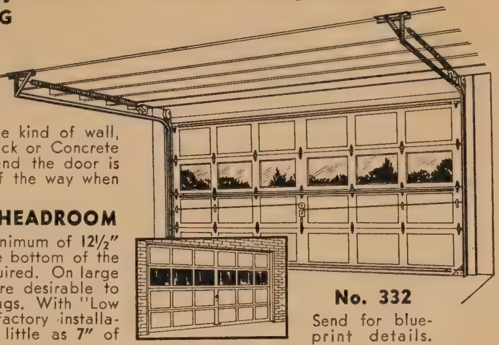


MODERNISTIC

Diagonal Battens (2 ply) V-Jointed or Beaded 45c per sq. ft. extra

GARAGE DOORS AND HARDWARE

Made Any Panel or Glass Arrangement



No. 332

Send for blueprint details.

Shown 6 panels wide, 4 sections high, with 3rd section from the bottom open for glass.

RAMING THE OPENING

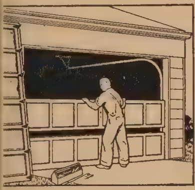
o special frame is reuired—just a dressed 2x4 · 2x6 around the inside of e opening is all that is ecessary, thus permitting e door to be the FULL IZE OF THE OPENING. The kind of wall, hether Frame, Concrete, Brick or Concrete lock makes no difference and the door is ntirely overhead and out of the way when llly opened.

EILING HEIGHT OR HEADROOM

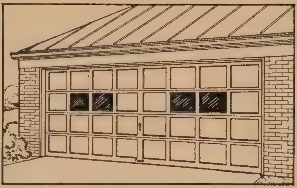
/ith Standard hardware a minimum of 12½″ om the door opening to the bottom of the eiling joists or ceiling is required. On large oors 2 or 3 inches more are desirable to ccommodate the larger springs. With "Low eadroom" Hardware, satisfactory installaons can be made with as little as 7″ of eadroom.

INSTALLATION

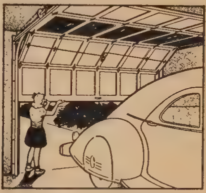
leretofore the installation of an Overhead Type Door was often considered a matter for xperienced mechanics only, but many of our customers have found that even the first stallation they attempted proved easier than hanging an ordinary set of standard garage oors. The sections come rabbetted together and the entire door is squared for the opening nd jointed to net size. Full details for installation are included with each order.



Easy to Install



Easy to Look At



Easy to Operate

rice of Door Complete — with all necessary Track and Hardware but without Glass

BUILT-to-ORDER—1¾″ Thick—Made to Exact Size of Opening

/idths	Heights (Up To)									
Jp To)	6-6	7-0	7-6	8-0	8-6	9-0	9-6	10-0	11-0	12-0
8-0	$48.00	$48.00	$48.00	$48.00	$51.00	$54.00	$57.00	$60.00	$66.00	$72.00
8-6	48.00	48.00	48.00	51.00	54.00	57.75	60.75	63.75	70.50	82.90
9-0	48.00	48.00	51.00	54.00	57.75	60.75	64.50	67.50	74.25	87.75
9-6	48.00	50.25	54.00	57.00	60.75	64.50	67.50	71.25	85.30	92.65
0-0	48.75	52.50	56.25	60.00	63.75	67.50	71.25	75.00	89.40	97.50
0-6	51.75	55.50	59.25	63.00	66.75	71.25	75.00	85.30	94.25	102.40
1-0	54.00	57.75	62.25	66.00	70.50	74.25	85.30	89.40	98.30	107.25
1-6	56.25	60.75	64.50	69.00	73.50	84.50	88.55	93.45	103.20	112.15
Following have Steel Struts in 3 sections to prevent any possibility of Sagging.										
2-0	58.50	63.00	67.50	72.00	82.90	87.75	92.65	97.50	107.25	117.00
2-6	61.50	66.00	70.50	75.00	86.15	91.80	96.70	101.55	112.15	121.90
3-0	63.75	68.25	73.50	84.50	90.20	95.05	100.75	105.65	116.20	136.50
3-6	66.00	71.25	82.05	87.75	93.45	99.15	104.00	109.70	121.05	141.75
Following have Steel Struts in all sections to prevent any possibility of Sagging.										
4-0	68.25	73.50	85.30	91.00	96.70	102.40	108.15	113.75	134.75	147.00
4-6	71.25	82.90	88.55	94.25	99.95	106.45	112.15	117.80	140.00	152.25
5-0	73.50	85.30	91.80	97.50	104.00	109.70	116.20	121.90	144.40	168.75
5-6	82.06	88.55	94.25	100.75	107.25	113.25	119.45	135.65	149.65	174.40
6-0	84.50	91.00	97.50	104.00	110.50	117.00	133.00	140.00	165.00	180.00

Vrite for prices on Special Designs to Architects')etails or on Larger Sizes giving headroom conditions.

Shipping Weights per square foot 1⅜″....4½-lbs. 1¾″....5½-lbs.

EXTRA FEATURES AND EQUIPMENT

GLASS

Boxed Separately or glazed in Door

ingle Strength "B", per light	28c
)ouble Strength "A", " "	44c
/4″ Rough Wired, " "	80c

LOW HEADROOM HARDWARE

″ Minimum, Add....................$4.70

HIGH LIFT HARDWARE

Used Chiefly in Lubritoriums

hrows the Door, when open, as much as 5 ft. ıbove top of opening and as close as 6″ to :eiling. Always send sketch showing exact :learance, and add per door..........$10.00

PRIMING

3oth sides, add per sq. ft....................3c

METAL COVERING

One side, 26 Ga. Galv., add per sq. ft.	31c
Both sides, " " " " " " "	50c

Woods Other Than Fir or Spruce add per Sq. Ft.

Ponderosa Pine	6c	Red Cypress	13c
Idaho White Pine	13c	2¼″ thick	19c

Figure square footage on 6″ breaks.

CHAIN HOIST

Doors up to to 15′ wide, add per door	$31.00
Doors over 15′ wide, " " "	37.50

MASTER KEYED

2 cylinders only (1 master key)	$3.15
Each additional cylinder, add	2.70

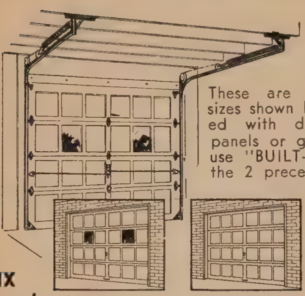
KEYED ALIKE, no extra charge.

TOX-I-SEALED GARAGE DOORS

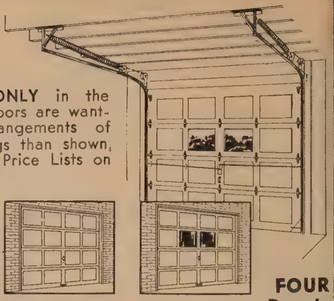
Rot-proofed — Termite-proofed — Moisture-proofed
Cost less to paint—withstand the weather better
Add 2c per square foot to any of above prices

SECTIONAL OVERHEAD TYPE

Stock Sizes – 4 Sections High



These are furnished ONLY in the sizes shown below. If doors are wanted with different arrangements of panels or glass openings than shown, use "BUILT-to-ORDER" Price Lists on the 2 preceding pages.



SIX Panels Wide

No. 332-A
2 panels in 3rd section open for glass

No. 332-B
All panelled —no glass openings

No. 332-C
All panelled —no glass openings

No. 332-D
2 panels in 3rd section open for glass

FOUR Panels Wide

Prices per Door — complete with Track, Hardware and Cylinder Lock

Stock Sizes—All 4 Styles Same Price

8-0 x 6-6
8-0 x 7-0
8-0 x 7-6
8-0 x 8-0
} 1 3/8". 4 section **$32**

8-0 x 6-6
8-0 x 7-0
8-0 x 7-6
8-0 x 8-0
} 1 3/4". 4 section **$36**

12 1/2" of Headroom Required unless LOW HEADROOM Hardware is ordered.

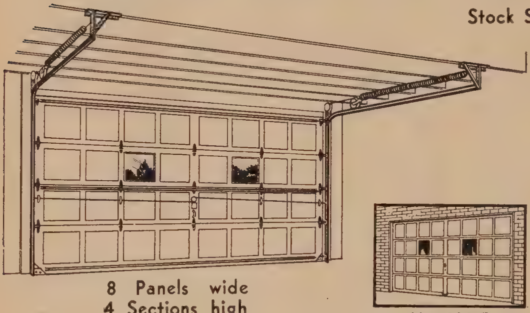
LOW HEADROOM Hardware (Minimum 7" above top of door) add $4.40

GLASS cut to exact size and boxed separately, add per door......$1.70

DOORS FOR 2-CAR GARAGES

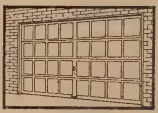
Stock Sizes 4 Sections High

12 1/2" of Headroom required unless LOW HEADROOM Hardware is ordered (see below).



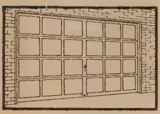
8 Panels wide
4 Sections high

No. 332-E
2 panels in 3rd section open for glass

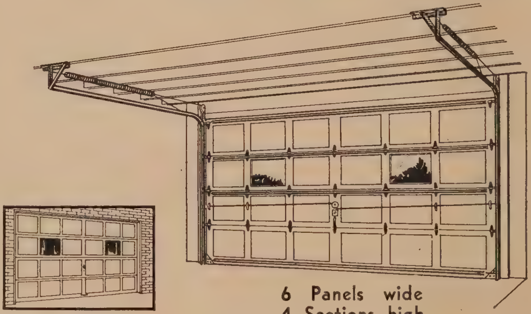


No. 332-F
All panelled — no glass openings

Note the Steel Struts running the entire length of each section of every 2-car Door to prevent sagging.



No. 332-P
All panelled — no glass openings



No. 332-G
2 Panels in 3rd Section open for glass

6 Panels wide
4 Sections high

Prices per Door — complete with Track, Hardware and Cylinder Lock

Stock Sizes—All 4 Styles Same Price

14-0 x 6-6
14-0 x 7-0
} 1 3/8". 4 section **$53**

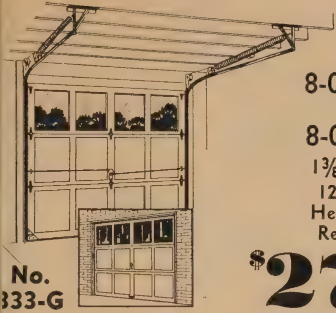
14-0 x 7-6
14-0 x 8-0
} 1 3/8". 4 section **$55**

LOW HEADROOM HARDWARE (Minimum 7" above top of door) add $4.40

GLASS cut to exact size and boxed separately, add per door......$1.70

GARAGE DOORS AND HARDWARE

Stock Sizes – 3 Sections High



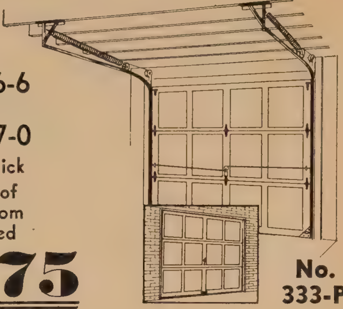
No. 333-G

panels wide—3 sections high.
op section open for glass.

8-0 x 6-6
or
8-0 x 7-0
1⅜″ thick
12½″ of
Headroom
Required

$2775

Complete with Track,
Hardware and
Cylinder Lock



No. 333-P

4 panels wide—3 sections high.
All panelled—no glass openings.

Either style or size same price

LASS cut to exact size and
oxed separately, add per door......**$1.70**

LOW HEADROOM HARDWARE
(Minimum 7″ above top of door) add.**$4.40**

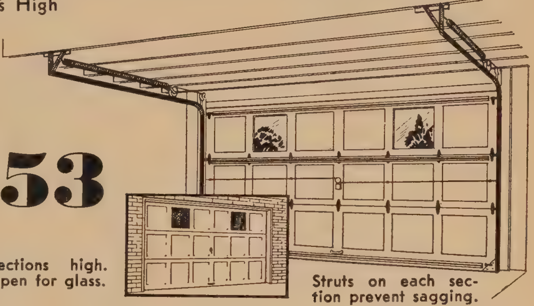
DOORS FOR 2-CAR GARAGES

tock Sizes 3 Sections High

14-0 x 6-6
or
14-0 x 7-0
1⅜″ thick
12½″ of
Headroom
Required

$53

panels wide — 3 sections high.
panels in top section open for glass.



Struts on each section prevent sagging.

No. 333-G—Top Section Open for 2 Lights of Glass
No. 333-P—All Panelled—No Glass Openings

Complete with Hardware, Track and Cylinder Lock

Either style or size same price

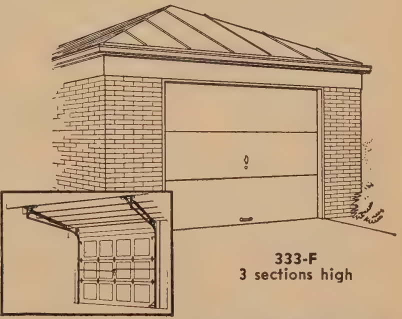
LASS cut to exact size and
oxed separately, add per door......**$1.20**

LOW HEADROOM HARDWARE
(Minimum 7″ above top of door) add.**$4.40**

MODERNISTIC STYLE

Exterior is Flush – Not Panelled

For Homes on which the Horizontal Lines are accented. Made 1⅜″ thick just like the Panelled Doors above, but with ¼″ Waterproof Plywood (see page 27) glued and screwed to the exterior side of each section. This absolutely waterproof and weatherproof Plywood will stand up under any climatic conditions and adds lots of rigidity to the Door.



333-F
3 sections high

No. 333-F 8-0x7-0 1¾″ thick
Complete with Cylinder Lock, Track and Hardware
for 12½″ or more of Headroom.

$3375

LOW HEADROOM HARDWARE (Minimum 7″ above top of door), add............**$4.40**

***TOX-I-SEALED* GARAGE DOORS**

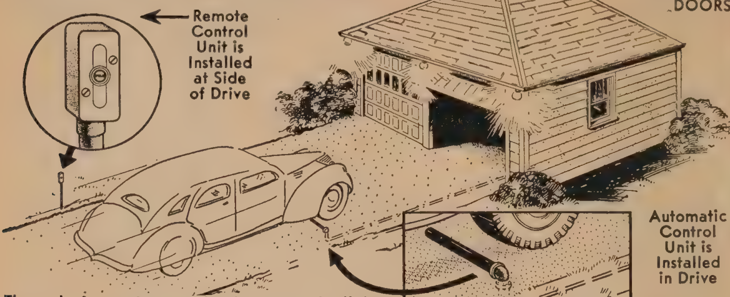
Rot-proofed — Termite-proofed — Moisture-proofed
Cost less to paint—withstand the weather better
Add 2c per square foot to any of above prices

ELECTRIC OPERATORS

For Overhead Type Residential Garage Doors

The beginning of a perfect day is to have the door close as you drive away from the garage.

Can be used with NEW or OLD DOORS

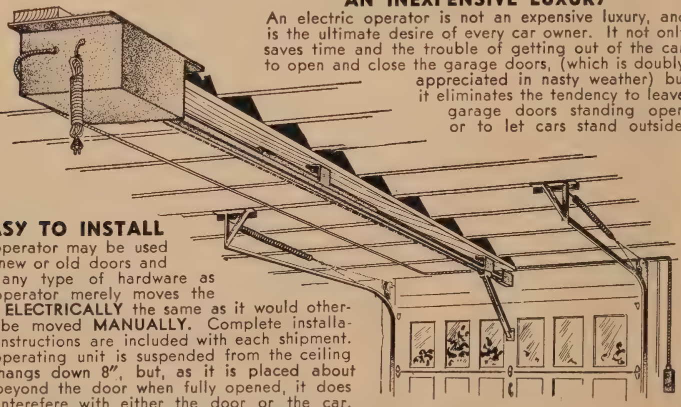


Remote Control Unit is Installed at Side of Drive
Automatic Control Unit is Installed in Drive

The end of a perfect evening is to have the lights flash on and the door roll open as you arrive home.

AUTOMATIC, REMOTE or PUSH BUTTON CONTROL

- **POWER UNIT** consists of a welded steel base on which the motor and reduction gear is mounted. The main drive shaft is extended on the opposite side from the drive sprocket. This shaft is threaded and drives the combination limit and reversing switch through a traveling nut. There is no dead center in the reversing mechanism. All shafts are bronze bushed and large for the load placed on them.
- **MOTOR** is a special 1/6 H.P. split phase unit with large wick-oiled bronze bearings and thermal overload cut-off switch built-in. It operates on 110 volt alternating current the same as ordinary electric lights. The motor has ample power to handle any single or double residential door properly installed and drives the door by means of a roller chain fastened to a shoe sliding on a steel track. The shoe is connected to the door by a push rod.
- **PUSH BUTTON CONTROL** utilizes a ratchet relay that alternately switches from one line to the other. The coil of the magnet of this relay is wound for 12-16 volts and current to operate it is supplied by a transformer built in the operator. The reversing switch has been combined with the limit switch, leaving only the starting contact to be made by the Push Button. The operator cannot be stopped or reversed until it has reached the end of its travel in either direction. The control wiring is low voltage (12-16 volts) and need not be run in conduit, 25 feet of wire being furnished with each operator.
- **REMOTE CONTROL** is effected by a key type switch mounted in a galvanized iron pipe pedestal which can be located at either side of the drive, preferably near the entrance. Connection from this key switch to the operator must be made by 2 strand No. 14 lead covered cable which any electrician can supply.
- **AUTOMATIC CONTROL** is achieved by a driveway signal, consisting of a short piece of special rubber hose fastened across the driveway and connected to a pneumatic switch inside the garage by copper tubing (thus eliminating all outside wiring). 25 feet of copper tubing is included. The signal is hardly noticeable in the driveway and is of rugged construction so that it functions in all sorts of weather. The same principle is used in the signals for gas stations. It is only necessary to drive one wheel of the car over the rubber hose to start the operator, opening the door if it is closed or closing the door if it is open. The door can also be operated by the Push Button in the usual manner.
- **HAND RELEASE** can be built into the operator at a slight extra cost. The sliding shoe is built in two pieces and connected together by a latch. A light cable is run from this latch to the door lock. In case of operator failure just insert key in lock, turn handle and open door. This is desirable in all cases but necessary when Push Button is mounted inside and there is no other entrance to the garage.
- **AUTOMATIC LIGHTING** can be supplied as an extra. A light socket is built into the operator and the light burns when the door is opened.



AN INEXPENSIVE LUXURY

An electric operator is not an expensive luxury, and is the ultimate desire of every car owner. It not only saves time and the trouble of getting out of the car to open and close the garage doors, (which is doubly appreciated in nasty weather) but it eliminates the tendency to leave garage doors standing open or to let cars stand outside.

EASY TO INSTALL

The operator may be used with new or old doors and with any type of hardware as the operator merely moves the door **ELECTRICALLY** the same as it would otherwise be moved **MANUALLY.** Complete installation instructions are included with each shipment. The operating unit is suspended from the ceiling and hangs down 8″, but, as it is placed about 20″ beyond the door when fully opened, it does not interefere with either the door or the car.

PRICES per COMPLETE OPERATOR for DOORS up to 16-0x8-0

Including motor and all mechanical parts, switches, controls and 25′ of wire for same. Materials for wiring to, and connecting up the motor and lights, such as wires, conduits, etc., are **NOT** included. These prices do **NOT** include door or operating hardware, for which see preceding and opposite pages. Write for prices on Operators for Doors over **8′** high, giving size and kind of Doors.

Type	No.	Price
PUSH BUTTON Control	333-R	$68.50
REMOTE Control	333-S	77.25
AUTOMATIC Control	333-T	86.25

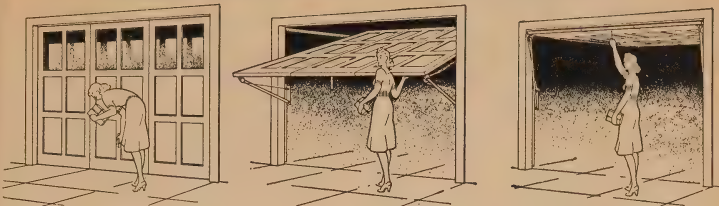
Hand Release, add	$3.75
Automatic Lighting, add	1.90
Copper Tubing, per foot (if over 25′)	.15

Shipping weights of above operators are approximately 96 lbs.

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

Up-swing GARAGE DOORS

Complete with Spring Balanced Hardware



The Doors are old growth Douglas Fir, strong, sturdy and well made. If 1⅜″ thick, each opening consists of **3** Doors which become a single unit when the Angle Irons that are furnished as part of the Hardware are applied. If **1¾″** thick, each opening consists of **2** Doors which are also made into a single unit by the application of the Angle Irons.

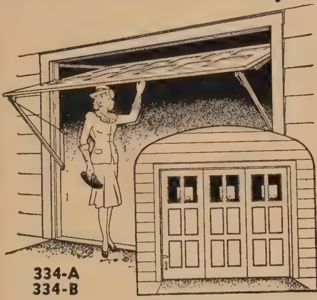
SPRING OPERATED—NO COUNTER BALANCING WEIGHTS OF ANY KIND

The Patented Hardware consists of sturdy operating arms which are secured to each Jamb. Heat treated Springs attached to the operating arms equalize the weight of the Door in all positions. The tension on the springs can readily be increased or decreased, thus making it a simple matter to keep the Door in perfect adjustment at all times. Ball Bearing Rollers moving in a section of Track against the ceiling at either side, guide and support the Door as it is opened.

ONLY 2″ of HEADROOM is REQUIRED

This makes **Up-swing** Doors particularly well fitted for use in Basement Garages where headroom is at a premium. When raised up all the way, the operating arms lock automatically so that the Door cannot be closed until released. The closing action is gentle, being counter-balanced by the springs. Installation is a simple matter as complete instructions are furnished with each set.

For a *Down-swing* in costs buy *Up-swing* Doors



334-A
334-B

← Open for 6 Lights of glass
Complete with Hardware

No. 334-A 8-0x6-8—1⅜″...	$21 45 Per Opg.
No. 334-B 8-0x7-0—1⅜″...	$22 25 Per Opg.

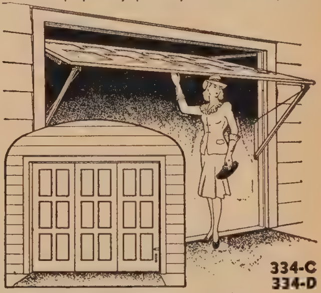
For Clear Flat Drawn Glass cut to exact size and boxed separately, add to either of above prices...............**$1.15**

For Locking Device with Cylinder Lock and Lock Bars, specify plainly and add..**$2.45**

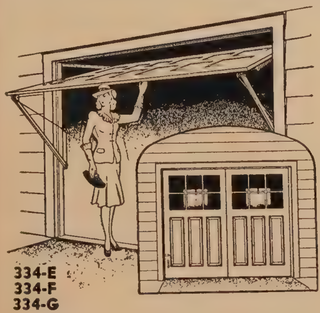
All panelled — No glass →
Complete with Hardware

No. 334-C 8-0x6-8—1⅜″...	$21 55 Per Opg.
No. 334-D 8-0x7-0—1⅜″...	$22 35 Per Opg.

For Locking Device with Cylinder Lock and Lock Bars, specify plainly and add..**$2.45**



334-C
334-D



334-E
334-F
334-G

← Open for 12 Lights of glass
Complete with Hardware

No. 334-E 8-0x7-0—1¾″...	$28 10 Per Opg.
No. 334-F 8-0x7-6—1¾″...	$28 25 Per Opg.
No. 334-G 8-0x8-0—1¾″...	$28 35 Per Opg.

For Clear Flat Drawn Glass cut to exact size and boxed separately, add to any of above prices.................**$1.80**

For Locking Device with Cylinder Lock and Lock Bars, specify plainly and add..**$2.45**

TOX-I-SEALED GARAGE DOORS

Rot-proofed—Termite-proofed — Moisture-proofed
Cost less to paint—withstand the weather better
Add 75c per pair or set to above prices and specify

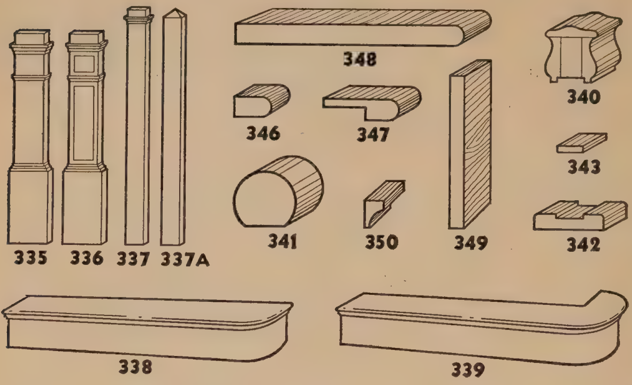
Average weights—1⅜″ thick....210 lbs. 1¾″ thick....300 lbs.

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

STANDARD STAIR PARTS

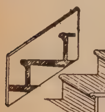
Yellow Pine, Birch, Red Gum or Red Oak

SANDED AND PACKED IN DUST-PROOF CARTONS



Please order by Number

No.		Yellow Pine	Red Gum Red Oak or Birch
335	— Plain Starting Newel—Base 8x8″, Shaft 6x6″, Length 54″ each	$3.93	$4.62
336	— Panelled “ “ “ “ “ “ “ “ “	4.31	5.00
337	— Landing “ “ “ 5x5″, “ 5x5″, “ 66″ “	2.86	3.61
337-A	Starting or Landing “ “ “ “ “ “ “ “	2.86	3.61
338-A	Quarter Circle End Starting Step (Reversible) for 3-0 Stair, each	4.05	4.70
338-B	“ “ “ “ “ “ “ 3-6 “ “	4.05	4.70
338-C	“ “ “ “ “ “ “ 4-0 “ “	4.54	6.00
339-A	Half Circle End Starting Step (Reversible) for 3-0 “ “	5.50	6.37
339-B	“ “ “ “ “ “ “ 3-6 “ “	5.58	6.47
339-C	“ “ “ “ “ “ “ 4-0 “ “	5.88	6.93
340-A	Main Stair Rail 2¾x3″ Ploughed for 1⅛″ Baluster.....per ft.	.24	.32
340-B	“ “ “ “ “ “ 1⅜″ “ “	.24	.32
341	— Wall Rail, 1¾″x1⅝″ “	.11	.15
341-A	Acorn End for Wall Rail **No. 341** (Not illustrated).....each	.14	.19
342-A	Stair Shoe 3¾x⅞″ Ploughed for 1⅛″ Baluster........per ft.	.05	.09
342-B	“ “ “ “ “ 1⅜″ “ “	.05	.09
343-A	Fillet 1⅛x⅜″ “	.03	.04
343-B	“ 1⅜x⅜″ “	.03	.04
345	— Square Stair Baluster 1⅛x32″.....each	.13	.19
345-A	“ “ “ 1⅜x32″ “	.15	.21
346	— Return Nosing 1 1/16x1¼x18″ “	.07	.10
347-A	Landing Tread Nosing 1 1/16x3¼″ (rabbeted for 13/16″ floor) 3-0 each	.30*	.36*
347-B	“ “ “ “ “ “ “ “ 3-6 “	.36*	.42*
347-C	“ “ “ “ “ “ “ “ 4-0 “	.41*	.47*
348-A	Nosed Tread 1 1/16″ thick and up to 11½″ wide as ord'd 3-0 “	.82*	1.07*
348-B	“ “ “ “ “ “ “ “ “ “ “ 3-6 “	.92*	1.20*
348-C	“ “ “ “ “ “ “ “ “ “ “ 4-0 “	1.03*	1.35*
349-A	Stair Riser ¾x7½″ 3-0 “	.26*	.49*
349-B	“ “ “ 3-6 “	.32*	.59*
349-C	“ “ “ 4-0 “	.36*	.65*
350	— Stair Cove, ½x¾″.....per 100 lineal feet	1.07	1.53
351-A	Wall or Face String ¾x 9½″ (⅝″ same price)....per lineal foot	.15*	.19
351-B	“ “ “ “ ¾x11½″ “ “ “ “ “ “	.18*	.20
351-C	“ “ “ “ 1 1/16x11½″ “ “ “ “ “ “	.22	.24



If Strings **Housed**, add per String, per Riser	.45	.45
If Strings **Moulded** to match Base, add per String	.75	.75
If Treads and Risers tongued and grooved, add per Riser	.15	.15
If Treads returned solid 1 end, add per Tread	.20	.20
If Treads and Balusters dovetailed, add per Baluster	.10	.10

In ordering, always give **ROUGH CUT ON HORSE** of Tread and Riser.

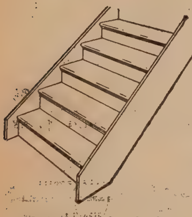
* See next page for large quantities of Treads and Risers in **Stock** sizes.*

COMPLETE BOX STAIRWAY

Made up from Stock Parts, as quoted above

$19.85 UP

We show below a list of the various parts required for a typical stairway with the "unit" as well as the "total" prices. Stairway 3-0 wide with 14 risers.



Box Stairway No. 352

Description	No.	Yellow Pine Unit Price	Yellow Pine Total Price	Red Gum Red Oak or Birch Unit Price	Red Gum Red Oak or Birch Total Price
14 Stair Risers	349-A	$0.26	$3.64	$0.49	$6.86
13 Nosed Treads	348-A	.82	10.66	1.07	13.91
1 Landing Tread Nosing	347-A		.30		.36
14 Pcs. Stair Cove (42 Ft.)	350	1.07	.45	1.53	.64
16 Ft. Wall String	351-A	.15	2.40	.19	3.04
16 Ft. Face String	351-A	.15	2.40	.19	3.04
TOTAL COST			$19.85		$27.85

Extra for Housing 1 String.....$6.30
Extra for Housing 2 Strings.....12.60
Extra for Tongueing and Grooving Treads and Risers. 2.10

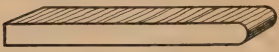
In ordering, always give **ROUGH CUT ON HORSE** of Tread and Riser.

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

STOCK STAIR PARTS

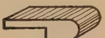
Yellow or Ponderosa Pine and Red or White Oak

CLEAR KILN-DRIED SANDED


353

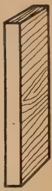
At following prices, Treads, Risers and Stringers are furnished in the exact sizes shown only.

Treads No. 353 are S2S and nosed 1 edge.


354

Landing Treads No. 354 are rabbetted for 13/16" Flooring. Risers No. 355 are S4S to sizes shown.

If Treads and Risers are worked to detail, or Tongued and Grooved, or in sizes not shown below, use prices on opposite page.


355

We recommend Treads **"glued-up"** in width as we believe they are less likely to "cup" than solid or 1-piece Treads. We can supply either, but always ship **"glued-up"** Treads, unless otherwise specified. Landing Treads and Risers are always furnished 1-piece.

Prices per Piece

TREADS No. 353

	Kind	3'-0"	3'-6"	4'-0"
1-1/16"x9½"	Yellow Pine	$0.53	$0.60	$0.68
" "	Glued-up Red Oak	.74	.87	.98
" "	Solid " "	.81	.96	1.08
" "	Glued-up White Oak	.80	.94	1.05
" "	Solid " "	.99	1.04	1.17
1-1/16"x10½"	Yellow Pine	.63	.71	.78
" "	Glued-up Red Oak	.82	.94	1.07
" "	Solid " "	.90	1.03	1.17
" "	Glued-up White Oak	.88	1.02	1.15
" "	Solid " "	.99	1.13	1.28
1-1/16"x11½"	Yellow Pine	.68	.76	.83
" "	Glued-up Red Oak	.89	1.03	1.18
" "	Solid " "	.98	1.14	1.29
" "	Glued-up White Oak	.96	1.10	1.25
" "	Solid " "	1.07	1.24	1.42

LANDING TREADS No. 354

	Kind	3'-0"	3'-6"	4'-0"
1-1/16"x3½"	Yellow Pine			.30
" "	Solid Red or White Oak	.26	.31	.35

STAIR RISERS No. 355

	Kind	3'-0"	3'-6"	4'-0"
¾x7½"	Yellow Pine or Ponderosa Pine	.20	.23	.26
"	Solid Red or White Oak	.39	.45	.51
¾x7¾"	" " " " "	.40	.46	.53
¾x8"	" " " " "	.41	.48	.55

STAIR STRINGERS—Surfaced 4 Sides and Sanded. PRICES PER STRINGER

			14 ft.	16 ft.
No. 356-A	Yellow Pine or Ponderosa Pine	¾x 9½"	$1.41	$1.62
No. 356-B	" " " " "	¾x11½"	2.06	2.37

CIRCULAR STAIRWAYS

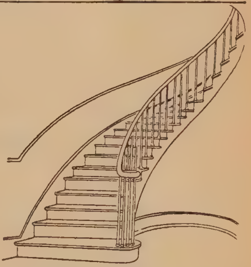
"A THING OF BEAUTY IS A JOY FOREVER"

Prices quoted promptly from Architect's Details or from a sketch showing exact job condition and measurements.

We furnish lots of them for less than $300.00 each, complete with rail and fittings.

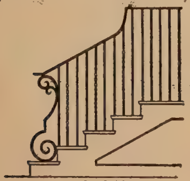
On work of this character, we submit blueprint details for approval before manufacturing.

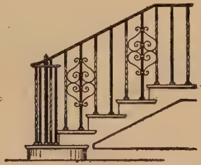
The workmanship is, in every particular, the finest that experienced craftsmen can produce.

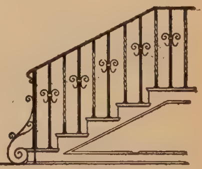


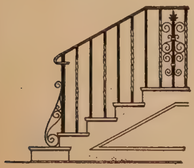
IRON RAIL AND BALUSTRADES

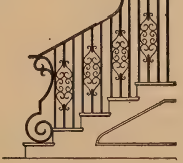
All Wrought Ironwork is, of course, made strictly to order, but we are in position to furnish it promptly and at prices which will speak for themselves. Nothing adds so much to certain types of Architecture as the restricted use of Ornamental Ironwork, providing it is made by experienced craftsmen who understand how to secure strength without losing the delicacy which well designed Ironwork expresses. We welcome the opportunity of quoting from plans or sketches on any requirements in this line.

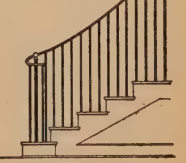

362-A


362-B


362-C

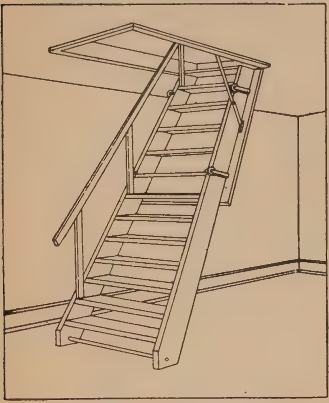

362-D


362-E


362-F

DISAPPEARING STAIRWAYS

Inexpensive and Simple to Install



ONE SECTION STAIR

NOTE THAT
EVERYTHING COMES
IN TWO CRATES
COMPLETELY ASSEMBLED
WITH HARDWARE APPLIED

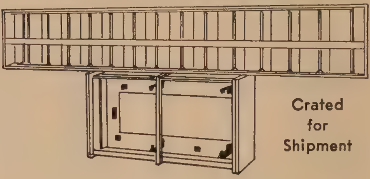
ONE SECTION TYPE

Designed for use where there is ample headroom for projection into the attic (see below).

The patented mechanism keeps the Stairway in perfect balance in all positions, thus making it extremely easy to operate. Special Underneath Controllers and Automatic Locks insure absolute safety.

NOTHING TO GET OUT OF ORDER

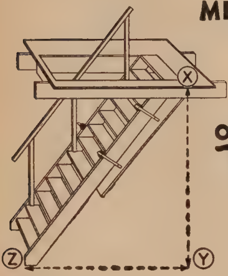
These Stairways are strong and rigid and will support a very heavy person. They come in various sizes for floor to floor heights from **7'10"** to **11'2"** and in two widths. They can be installed in old or new buildings and will go in roomy closets or narrow hallways. The Stairways are up and out of the way when not actually in use and the Door can be left partly open for ventilation.



Crated
for
Shipment

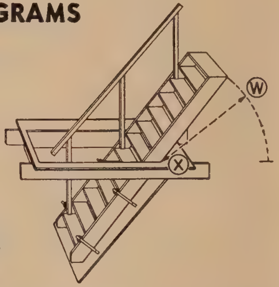
MEASUREMENT DIAGRAMS

ONE SECTION TYPE



OPEN—READY TO USE

PARTLY CLOSED



The Cincinnatus $28.00 Complete

No. 357
Standard width

No.	Distance from Floor to Floor (Y to X)	Rough Opening to leave	Ceiling Opening when finished	Projection into room (Y to Z)	Projection into attic (X to W)
357-A	7-10 to 8-2	26½x48½"	24¼x46¼"	53"	68"
357-B	8-2 " 8-7	" 50½"	" 48¼"	55"	70"
357-C	8-7 " 8-11	" 50½"	" 48¼"	62"	73"
357-D	8-11 " 9-2	" 52½"	" 50¼"	62"	76"
357-E	9-2 " 9-7	" 52½"	" 50¼"	62"	78"
357-F	9-7 " 10-2	" 57½"	" 55¼"	66"	84"

The Hercules $30.00 Complete

No. 358
4" wider than No. 357

No.	Distance from Floor to Floor (Y to X)	Rough Opening to leave	Ceiling Opening when finished	Projection into room (Y to Z)	Projection into attic (X to W)
358-A	7-10 to 8-2	30½x48½"	28¼x46¼"	53"	68"
358-B	8-2 " 8-7	" 50½"	" 48¼"	55"	70"
358-C	8-7 " 8-11	" 50½"	" 48¼"	62"	73"
358-D	8-11 " 9-2	" 52½"	" 50¼"	62"	76"
358-E	9-2 " 9-7	" 52½"	" 50¼"	62"	78"
358-F	9-7 " 10-2	" 57½"	" 55¼"	66"	84"

To prevent mistakes, please order by number and **give size of Ceiling Joists** so we can send Finished Jamb of proper width. If no mention is made of this we ship Jambs for **2x8** Ceiling Joists. Shipping weight 135 lbs.

DISAPPEARING STAIRWAYS

Can Be Raised or Lowered by a Child

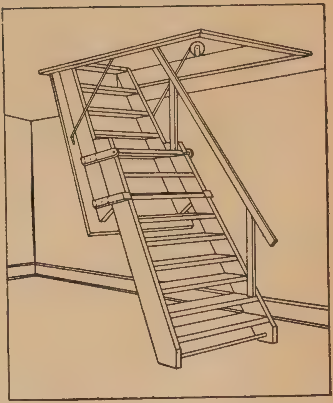
TWO SECTION TYPE

For use where the headroom available for projection into the attic is limited (see diagram below).

All of these Stairways come completely set up with all hardware applied so that it is only necessary to set the Jamb Section in place, slip the Stair Section into it and erect the Handrail.

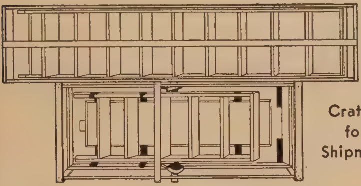
SPECIFICATIONS

The Treads, Strings, Jambs, and Handrails are Clear Yellow Pine while the Doors have Ponderosa Pine Stiles and Rails with Veneered Fir Panels. All Hardware is cold rolled steel. Stairways are up and out of the way when not actually in use and Door can be left partly open for ventilation.



TWO SECTION STAIR

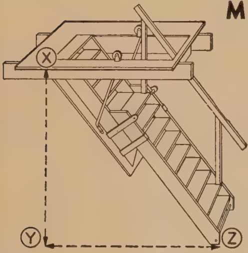
ANY ONE
CAN INSTALL THESE
STAIRWAYS IN
NOT OVER
TWO HOURS



Crated for Shipment

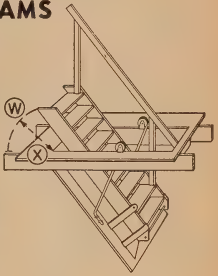
MEASUREMENT DIAGRAMS

TWO SECTION TYPE



OPEN—READY TO USE

PARTLY CLOSED



No. 359

Standard width

$31.00 Complete

The Sampson

No.	Distance from Floor to Floor (Y to X)	Rough Opening to leave	Ceiling Opening when finished	Projection into room (Y to Z)	Projection into attic (X to W)
359-A	7-10 to 8-2	26½x68½″	24½x66¼″	53″	28″
359-B	8-2 " 8-7	"	"	55″	28″
359-C	8-7 " 8-11	"	"	62″	28″
359-D	8-11 " 9-2	"	"	62″	28″
359-E	9-2 " 9-7	"	"	62″	28″
359-F	9-7 " 10-2	"	"	66″	36″
359-G	10-2 " 10-7	26½x74½″	24½x72¼″	70″	38″
359-H	10-7 to 11-2	"	"	70″	47″

No. 360

4″ wider than No. 359

$33.00 Complete

The Atlas

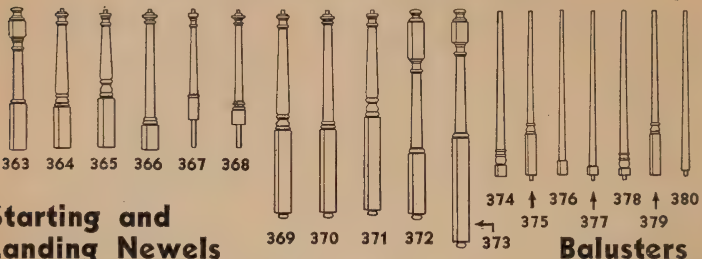
No.	Distance from Floor to Floor (Y to X)	Rough Opening to leave	Ceiling Opening when finished	Projection into room (Y to Z)	Projection into attic (X to W)
360-A	7-10 to 8-2	30½x68½″	28½x66¼″	53″	28″
360-B	8-2 " 8-7	"	"	55″	28″
360-C	8-7 " 8-11	"	"	62″	28″
360-D	8-11 " 9-2	"	"	62″	28″
360-E	9-2 " 9-7	"	"	62″	28″
360-F	9-7 " 10-2	"	"	66″	36″
360-G	10-2 " 10-7	30½x74½″	28½x72¼″	70″	38″
360-H	10-7 " 11-2	"	"	70″	47″

Please order by number and be sure to **give size of Ceiling Joists** so we can furnish the Finished Jamb in the proper width. If no mention is made of this, we ship Jambs for **2x8** Ceiling Joists. Shipping Weight 135 lbs.
Stairs for greater floor heights quoted upon request.

COLONIAL STAIR PARTS

Yellow Pine, Birch, Red Gum or Red Oak

SANDED AND PACKED IN DUST-PROOF CARTONS



Starting and Landing Newels

Balusters

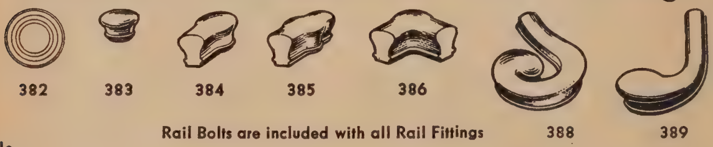
Please order by Number

No.				Yellow Pine	Red Gum Red Oak or Birch
363—Starting Newel	3 x3 x44"		each	$2.65	$3.53
364— " "	3½x3½x41"		"	2.72	3.53
365— " "	3¼x3¼x41"		"	2.54	3.33
366— " "	3¼x3¼x41"		"	2.54	3.33
367—Volute Newel	2¼x2¼x41"		"	2.30	2.91
368— " "	2¾x2¾x41"		"	2.54	3.24
368-A—Turnout Newel	2¾x2¾x44"		"	2.54	3.24
369—Landing or Platform Newel	3½x3½x58"		"	3.66	4.61
370— " " " "	3¼x3¼x58"		"	3.34	4.24
371— " " " "	3¼x3¼x58"		"	3.34	4.24
372— " " " "	3 x3 x62"		"	3.66	4.61
373— " " " "	3 x3 x69"		"	4.05	5.18
374—Turned Baluster	1 5⁄16"x1 5⁄16"	ALL STYLES SAME PRICE ACCORDING TO LENGTH	31" each	.22	.26
375— " "	" "		34" "	.23	.27
376— " "	" "		36" "	.24	.29
377— " "	" "		39" "	.25	.30
378— " "	" "		40" "	.26	.34
379— " "	" "		41" "	.27	.36
380— " "	1¼"x1¼"				

Proper Lengths of Balusters to Use

With Volute No. **388** use Volute Newel No. **367** or No. **368** and **5** Balusters **36"** long.
With Turnout No. **389** use Turnout Newel No. **368-A** and **1** Baluster **39"** long on the Starting Step.
On Pitch of Stair a **31"** Baluster should be used next to Tread Nosing and a **34"** Baluster at middle of Tread. Last Baluster under all Goosenecks next to Landing Newel should be **40"**.
Balusters for Level Rail should be **34"** long.

Volutes, Turnouts and Rail Fittings



Rail Bolts are included with all Rail Fittings

No.				
382—Wall Rosette	each	$0.41	$0.43
383—Turned Newel Cap	"	.66	.88
384—Newel Cap with 1 Straight Rail Connection on Level	"	1.11	1.43
385—Newel Cap with 2 Straight Rail Connections on Level	"	1.68	2.26
386—Newel Cap with 2 Straight Rail Connections on Quarter Turn	"	2.37	3.07
387—Plain Scrolled Stair Bracket (not illustrated)	"	.22	.26
388—Volute with Up Easing (left or right)	"	6.96	8.46
389—Turnout with Up Easing (left or right)	"	4.39	5.52

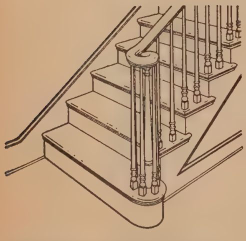
Be Sure to Specify whether LEFT or RIGHT hand in ordering fittings.

COMPLETE COLONIAL STAIRWAY

Made up of Stock Parts as quoted on pages 108, 113 and above.

$45 40 UP

We show below a list of the various parts required for a typical Stairway with the "unit" as well as the "total" prices. Stairway **3-0** wide with **14** Risers—first to second floor but nothing figured for second floor as these parts can be added where desired.



Right Hand Colonial Stairway

		Yellow Pine		Red Gum Red Oak or Birch	
Description	**No.**	Unit Price	Total Price	Unit Price	Total Price
1 Bull Nose Start. Step (R.H.)	405		$6.14		$7.43
12 Nosed Treads	348-A	$.82	9.84	$1.07	12.84
1 Landing Tread Nosing	347-A		.30		.36
13 Pcs. Stair Cove (52 ft.)	350	1.07	.56	1.53	.80
12 Pcs. Return Nosing (18")	346	.07	.84	.10	1.20
13 Stair Risers	349-A	.26	3.38	.49	6.37
16 Ft. Wall String	351-A	.15	2.40	.19	3.04
16 Ft. Face String	351-A	.15	2.40	.19	3.04
1 Volute with Up-Easing	388		6.96		8.46
1 Volute Newel	367		2.30		2.91
12 Balusters 31"	378	.22	2.64	.26	3.12
12 Balusters 34"	378	.23	2.76	.27	3.24
5 Balusters 36"	378	.24	1.20	.29	1.45
1 Pc. Main Rail (16 ft.)	390	.23	3.68	.32	5.12
TOTAL COST			$45.40		$59.38

Extras for Housing Wall String 1 side....$6.30
Extras for Tongueing and Grooving Treads and Risers.... 2.10

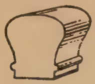
In ordering, always give **ROUGH CUT ON HORSE** of Tread and Riser.

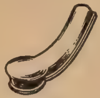
COLONIAL STAIR PARTS

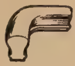
Yellow Pine, Birch, Red Gum and Red Oak

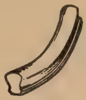
SANDED AND PACKED IN DUST-PROOF CARTONS

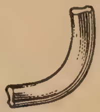
Colonial Stair Rail and Fittings

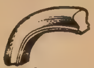

390


391


392


393

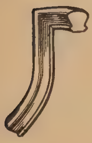

394

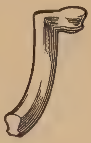

395

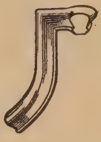
Please Order by Number

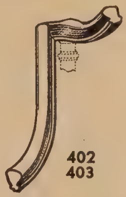
No.			Yellow Pine	Red Gum Red Oak or Birch
390	Main Rail 2¼″x2⅜″ (Specify Lengths Desired)	per ft.	$0.23	$0.32
391	Starting Easing with Cap	each	3.30	4.17
392	Level Quarter Turn	“	1.98	2.42
393	Up Easing, Regular	“	2.63	3.32
394	Up Easing, 90 degree	“	3.15	3.74
395	Overhand Easing	“	2.63	3.32

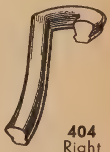
Goosenecks


396
397


398
399


400
401

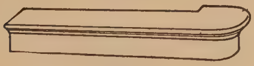

402
403

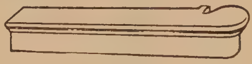

404
Right
Hand

396	Gooseneck for 1 Riser	each	$3.30	$4.17
397	Gooseneck for 2 Risers	“	3.96	5.05
398	Gooseneck for 1 Riser with Newel Cap	“	4.17	5.11
399	Gooseneck for 2 Risers with Newel Cap	“	4.84	6.07
*400	Gooseneck for 1 Riser with Quarter Turn on Level	“	5.05	6.15
*401	Gooseneck for 2 Risers with Quarter Turn on Level	“	5.67	7.01
*402	Gooseneck for 1 Riser with Newel Cap, Quarter Turn on Level and Up Easing	“	6.70	8.32
*403	Gooseneck for 2 Risers with Newel Cap, Quarter Turn on Level and Up Easing	“	7.16	8.78
*404	Gooseneck for 1 Riser with Half Turn on Level—5½″ center to center of rail	“	7.31	8.86
*404-A	Gooseneck for 2 Risers with Half Turn on Level—5½″ center to center of rail	“	7.54	9.16
*404-B	Gooseneck for 2 Risers with Half Turn on Level and Up-Easing—5½″ center to center of rail	“	10.77	13.17
*404-C	Gooseneck for 3 Risers with Half Turn on Level and Up-Easing—5½″ center to center of rail	“	11.40	14.70

***Right or Left Hand — Be sure to state which is wanted.**

Single End Starting Steps


405


406

405—Bull Nosed Starting Step—**Reversible** for Right or Left.
1 1⁄16x11¼″ Nosed Tread, ¾x6¾″ Riser.

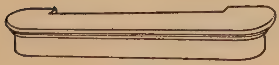
Total rise 7¾″ for **3-0** Stair	each	$6.14	$7.43
“ **3-6** “	“	6.55	7.82
“ **4-0** “	“	7.16	8.35

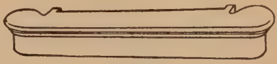
406—Scroll End Starting Step for Volute—**not reversible.**
Same dimensions as above—specify Right or Left

for **3-0** Stair	“	6.96	8.00
“ **3-6** “	“	7.35	8.40
“ **4-0** “	“	7.76	9.44

Double End Starting Steps

In ordering Double End Starting Steps always give exact distance from center to center of rail at each side of Stair.


405-A


406-A

405-A Bull Nosed Starting Step.
1 1⁄16x11¼″ Nosed Tread, ¾x6¾″ Riser.

Total rise 7¾″ for **3-0** Stair	each	$11.55	$12.98
“ **3-6** “	“	11.94	13.37
“ **4-0** “	“	12.56	13.89

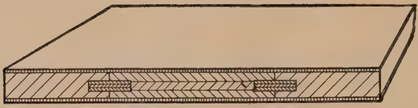
406-A Scroll End Starting Step for Volutes. Same dimensions as above.

for **3-0** Stair	each	12.36	13.71
“ **3-6** “	“	12.74	13.94
“ **4-0** “	“	13.16	14.98

FLUSH CUPBOARD DOORS

For Modernistic Interiors

Clear Ponderosa Pine



407-A – ¾" thick

Ponderosa Pine Cupboard Doors have solid Pine edge strips and veneered Pine faces. The core or cross banding is 3-Ply Fir, all put together with water resisting glue.

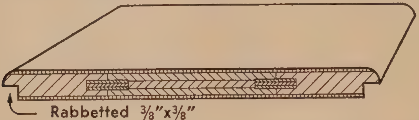
Prices per Door — Cut to Exact Size — Carton Packed

Widths	Heights (up to)												
(not over)	1-0	1-6	2-0	2-6	3-0	3-6	4-0	4-6	5-0	5-6	6-0	6-6	6-8
1-0	$0.44	$0.56	$0.68	$0.80	$0.92	$1.04	$1.16	$1.28	$1.40	$1.52	$1.64	$1.76	$1.80
1-2	.48	.62	.76	.92	1.04	1.20	1.32	1.46	1.60	1.76	1.88	2.04	2.08
1-4	.52	.68	.84	1.00	1.16	1.32	1.48	1.64	1.80	1.96	2.12	2.28	2.36
1-6	.56	.74	.92	1.10	1.28	1.46	1.64	1.82	2.00	2.18	2.36	2.54	2.60
1-8	.60	.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60	2.80	2.88
1-10	.64	.86	1.08	1.32	1.52	1.76	1.96	2.18	2.40	2.64	2.84	3.08	3.14
2-0	.68	.92	1.16	1.40	1.64	1.88	2.12	2.36	2.60	2.84	3.08	3.32	3.40

FLUSH CUPBOARD DOORS – LIPPED

¾" thick — made the same as No. 407-A above

No. **407-C**
Lipped **2** Sides
and **1** end



Rabbetted ⅜"x⅜"

← Door sizes are measured overall →

No. **407-D**
Lipped **4** Sides

Prices per Door — Made to Exact Size — Carton Packed

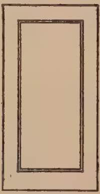
Lipped 3 or 4 Sides as ordered but unless otherwise specified, all 4 sides are Lipped.

Widths	Heights (up to)												
(not over)	1-0	1-6	2-0	2-6	3-0	3-6	4-0	4-6	5-0	5-6	6-0	6-6	6-8
1-0	$0.69	$0.81	$0.93	$1.10	$1.22	$1.39	$1.51	$1.68	$1.80	$1.97	$2.09	$2.26	$2.30
1-2	.73	.87	1.01	1.22	1.34	1.55	1.67	1.86	2.00	2.21	2.33	2.54	2.58
1-4	.77	.93	1.09	1.30	1.46	1.67	1.83	2.04	2.20	2.41	2.57	2.78	2.86
1-6	.81	.99	1.17	1.40	1.58	1.81	1.99	2.22	2.40	2.63	2.81	3.04	3.10
1-8	.85	1.05	1.25	1.50	1.70	1.95	2.15	2.40	2.60	2.85	3.05	3.30	3.38
1-10	.89	1.11	1.33	1.62	1.82	2.11	2.31	2.58	2.80	3.09	3.29	3.58	3.64
2-0	.93	1.17	1.41	1.70	1.94	2.23	2.47	2.76	3.00	3.29	3.53	3.82	3.90

PANELLED CUPBOARD DOORS

One Panel Design – Stock Sizes Only

Sizes	Thick	Prices
1-0x1-10	¾"	$0.59
2-0	"	.59
2-4	"	.70
2-6	"	.70
2-8	"	.73
2-10	"	.74
3-0	"	.78
3-6	"	.90
4-0	"	.98
1-2x10"	"	.56
1-10	"	.60
2-0	"	.60
2-4	"	.74
2-6	"	.74
2-8	"	.78
2-10	"	.80
3-0	"	.83
3-6	"	.96
4-0	"	1.06
1-4x10"	"	.59
1-10	"	.66
2-0	"	.66
2-4	"	.80
2-6	"	.80
2-8	"	.83
2-10	"	.84
3-0	"	.86
3-6	"	1.00
4-0	"	1.10



408
Ponderosa Pine
3-Ply FIR Panels

PRICES PER DOOR

Sizes	Thick	Prices
1-6x2-0	¾"	$0.68
2-4	"	.83
2-6	"	.83
2-8	"	.84
2-10	"	.90
3-0	"	.91
3-6	"	1.06
4-0	"	1.18
1-8x10"	"	.64
1-10	"	.68
2-0	"	.68
2-4	"	.90
2-6	"	.90
2-8	"	.91
2-10	"	.96
3-0	"	.98
3-6	"	1.14
4-0	"	1.26

Sizes	Thick	Prices
1-10x10"	¾"	$0.66
1-10	"	.73
2-0	"	.74
2-4	"	.91
2-6	"	.91
2-8	"	.96
2-10	"	1.00
3-0	"	1.04
3-6	"	1.08
4-0	"	1.34
2-0x2-0	"	.80
2-4	"	.98
2-6	"	.98
2-8	"	1.00
2-10	"	1.08
3-0	"	1.10
3-6	"	1.26
4-0	"	1.43
1-0x1-2	1⅛"	.59
1-6	"	.59
1-2x2-0	"	.68
2-6	"	.84
4-0	"	1.20
1-6x2-0	"	.74
2-6	"	.91
4-0	"	1.31
1-8x2-0	"	.78
2-6	"	.98
4-0	"	1.43

NOOK OR TAVERN SETS

For use singly in Breakfast Nooks or in multiples for Soda Grills, etc.

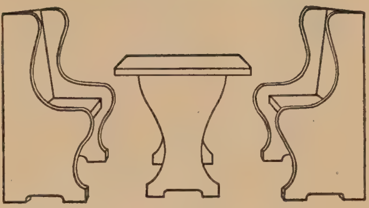
ALL CLEAR PONDEROSA PINE — CARTON PACKED IN SETS

The Colonial

Table 30″ high,
Top 26″x48″,
Full $1\frac{1}{8}$″ thick.

Seats 36″ high,
18″ deep, 54″ long,
Panelled Backs.

Floor space required is 5′ wide by 4′6″ deep.



No. 410

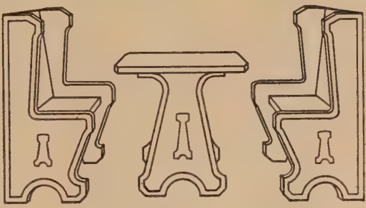
$\$13^{\underline{45}}$

Per set
of
2 Seats
and
1 Table.

The English

$\$13^{\underline{55}}$

Per set
of
2 Seats
and
1 Table.



No. 411

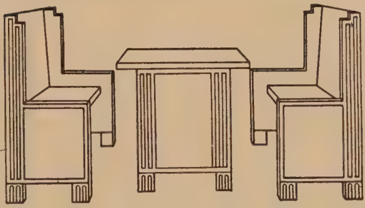
Same dimensions as above.

Shallow routing on Seat and Table Ends with Panelled Seat Backs makes effective Two Tone decoration a simple matter.

The Moderne

Same dimensions as above.

Carefully styled in keeping with the trend of Modern Architecture.



No. 413

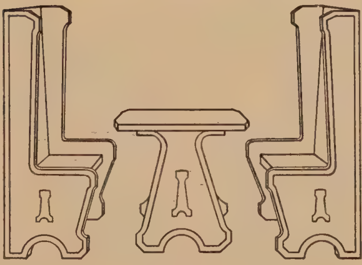
$\$13^{\underline{85}}$

Per set
of
2 Seats
and
1 Table.

The High Boy

$\$16^{\underline{40}}$

Per set
of
2 Seats
and
1 Table.



No. 414

Same dimensions as above except Seat Backs are 4′6″ high. This provides privacy between Booths when used in multiples.

Weight of No. 414 is 130 lbs., and of other Sets is 110 lbs. per set.

STANDARD KITCHEN CABINETS

Prices and sizes of all cabinets illustrated on opposite page.

No.	Size	Prices Per Cabinet	Top Only	Base Only	Wt. Lbs.	Chrome Plated Hardware Extra	Panel Back Extra
415-R	2-0x7-0	$11.70	$5.90	$5.80	110	$1.00	$1.20
416-R	2-0 “	11.50	5.70	5.80	110	1.00	1.20
417-R	2-0 “	13.30	6.05	7.25	110	1.05	1.20
418-R	2-0 “	12.95	5.70	7.25	110	1.05	1.20
419-R	2-6 “	15.65	7.90	7.75	160	2.05	1.55
“	3-0 “	16.60	8.25	8.35	165	2.05	1.75
“	3-6 “	17.95	8.85	9.10	170	2.05	2.20
“	4-0 “	19.05	9.35	9.70	175	2.05	2.40
420-R	2-6 “	14.50	6.75	7.75	160	2.05	1.55
“	3-0 “	15.75	7.40	8.35	165	2.05	1.75
“	3-6 “	16.95	7.85	9.10	170	2.05	2.20
“	4-0 “	18.15	8.50	9.65	175	2.05	2.40
421-R	2-6 “	17.70	7.80	9.90	160	2.15	1.55
“	3-0 “	18.80	8.25	10.55	165	2.15	1.75
“	3-6 “	20.15	8.85	11.30	170	2.15	2.20
“	4-0 “	21.25	9.35	11.90	175	2.15	2.40
422-R	2-6 “	16.85	7.00	9.85	160	2.15	1.55
“	3-0 “	17.95	7.40	10.55	165	2.15	1.75
“	3-6 “	19.25	8.00	11.25	170	2.15	2.20
“	4-0 “	20.35	8.50	11.85	175	2.15	2.40
423-R	4-6 “	23.80	11.90	11.90	225	3.05	2.75
“	5-0 “	25.10	12.45	12.65	235	3.05	3.10
424-R	4-6 “	22.45	10.55	11.90	225	3.05	2.75
“	5-0 “	23.75	11.10	12.65	235	3.05	3.10
425-R	4-6 “	26.10	11.95	14.15	225	3.10	2.75
“	5-0 “	27.30	12.55	14.75	235	3.10	3.10
426-R	4-6 “	24.75	10.60	14.15	225	3.10	2.75
“	5-0 “	25.95	11.15	14.80	235	3.10	3.10
415-S	2-0x8-6	12.90	7.00	5.90	110	1.00	1.30
416-S	2-0 “	12.65	6.75	5.90	110	1.00	1.30
417-S	2-0 “	14.55	7.15	7.40	110	1.05	1.30
418-S	2-0 “	14.10	6.65	7.45	110	1.05	1.30
419-S	2-6 “	17.05	9.20	7.85	160	2.05	1.75
“	3-0 “	18.15	9.75	8.40	165	2.05	2.10
“	3-6 “	19.35	10.35	9.00	170	2.05	2.40
“	4-0 “	20.60	10.80	9.80	175	2.05	2.75
420-S	2-6 “	16.05	8.25	7.80	160	2.05	1.75
“	3-0 “	17.25	8.90	8.35	165	2.05	2.10
“	3-6 “	18.50	9.40	9.10	170	2.05	2.45
“	4-0 “	19.60	9.80	9.80	175	2.05	2.75
421-S	2-6 “	19.25	9.25	10.00	160	2.15	1.75
“	3-0 “	20.35	9.75	10.60	165	2.15	2.10
“	3-6 “	21.55	10.30	11.25	170	2.15	2.45
“	4-0 “	22.80	10.80	12.00	175	2.15	2.75
422-S	2-6 “	18.35	8.40	9.95	160	2.15	1.75
“	3-0 “	19.35	8.80	10.55	165	2.15	2.10
“	3-6 “	20.55	9.35	11.20	170	2.15	2.45
“	4-0 “	21.80	9.80	12.00	175	2.15	2.75
423-S	4-6 “	25.55	13.55	12.00	225	3.05	3.20
“	5-0 “	26.75	14.05	12.70	235	3.05	3.40
424-S	4-6 “	24.20	12.20	12.00	225	3.05	3.20
“	5-0 “	25.40	12.70	12.70	235	3.05	3.40
425-S	4-6 “	27.75	13.65	14.10	225	3.10	3.20
“	5-0 “	28.95	14.10	14.85	235	3.10	3.40
426-S	4-6 “	26.40	12.30	14.10	225	3.10	3.20
“	5-0 “	27.60	12.75	14.85	235	3.10	3.40

Ceiling Units

No.	Width	1-6 High	2-0 High	Hdw.	Backs
427-X	2-0	$2.10	$2.30	$0.25	$0.55
427-Y	2-6	2.40	2.75	.35	1.00
“	3-0	2.65	3.10	.35	1.00
“	3-6	2.85	3.40	.45	1.00
“	4-0	3.30	3.65	.45	1.00
427-Z	4-6	4.05	4.50	.55	1.45
“	5-0	4.40	4.85	.55	1.45

Broom Cabinets

(Not Illustrated)

No.	Width Depth	7-0 High	Hdw.	8-6 High	Hdw.
428-A	1-9x1-4	$10.80	$0.55	$12.45	$.90
428-B	1-9x1-7	12.00	.55	13.95	.90

For Backs, add $0.05 per square foot.

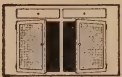
Wall Cabinets

No.	Width	3-0 High	4-0 High	Hdw.	Backs
431-X	2-0	$5.50	$6.25	$0.45	$0.55
431-Y	2-6	6.95	8.05	.65	1.00
“	3-0	7.50	8.35	.65	1.00
“	3-6	8.05	9.00	.90	1.00
“	4-0	8.45	9.55	.90	1.00
431-Z	4-6	9.90	11.10	1.10	1.45
“	5-0	10.45	11.65	1.10	1.45

EXTRAS AND DEDUCTIONS

Maple Counter Tops, add per lineal foot	$0.90
Counter Tops Omitted, deduct per lineal foot	.55
Ponderosa Pine Counter Tops, Special Lengths, add per lineal foot	.55
Maple Bread Board, (slides under counter shelf) 1-6x1-5, each	1.45

SINK FRONTS



False drawer fronts (to line with drawers of adjoining base sections). Doors have Metal Cane panels for ventilation. Stiles at each side are 4″ wide to allow for reduction to exact width of sink.

All Sink Fronts are 2′-10″ high to line with Cabinet Bases.

No.	Width	Doors	Price	Hdwe.
427-M	2-6	1 Pair	$4.75	$1.10
427-N	3-0	“	4.95	1.10
427-P	3-6	“	5.15	1.10
427-R	5-0	2 Pair	7.70	2.20

See pages **153** to **167** for Kitchen Cabinets completely finished.

STANDARD KITCHEN CABINETS

Clear Ponderosa Pine With Heavy (1⅛") Fronts and Doors

A SYSTEM OF 92 INTERCHANGEABLE UNITS TO FIT ALMOST ANY SIZE WALL SPACE. CHROME PLATED HARDWARE AND GUM PLYWOOD PANEL BACKS FURNISHED AS EXTRAS.

SPECIFICATIONS

Made of clear Ponderosa Pine. Heavy Fronts and Doors, 1⅛" thick (not ¾" as furnished by most others.)

Doors have **Plain Gum** plywood panels except where shown with six lights they are glazed Clear D. S. set with wood stops.

Two Finished Ends in every case.

Top, Bottom and two other Shelves in Top Section.

1⅛"x20½"—Counter Shelf, Bottom and one other shelf in Base Section. Drawers, Slides and Shelf Cleats.

TOE SPACE (see bottom of detail below) is provided for every bottom section—an INVALUABLE feature.

Both Scribe Mould and Crown Mould are included with Top.

All Bases are 2'-11" high and 1'-7" deep.

Tops—For Cabinets 7'-0" high, are 4'-1" high and 13" deep with recess 1'-4" high above Counter.

Tops—For Cabinets 8'-6" high, are 5'-7" high and 13" deep with recess 1'-4" high above Counter.

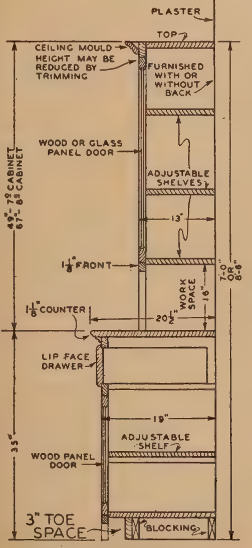
Either height (7'-0" or 8'-6") can easily be reduced from 4" to 8" on the job if necessary.

Semi-assembled.

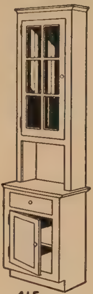
Not painted.

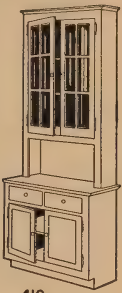
Carton Packed.

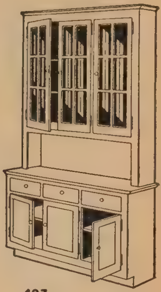
DETAIL

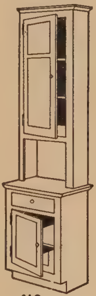

PLASTER
TOP
CEILING MOULD
HEIGHT MAY BE REDUCED BY TRIMMING
FURNISHED WITH OR WITHOUT BACK
WOOD OR GLASS PANEL DOOR
ADJUSTABLE SHELVES
13"
49"-7⁰ CABINET
67"-8⁶ CABINET
1⅛" FRONT
WORK SPACE 16"
7'-0" OR 8'-6"
1⅛" COUNTER
20½"
LIP FACE DRAWER
19"
ADJUSTABLE SHELF
WOOD PANEL DOOR
35"
3" TOE SPACE
BLOCKING

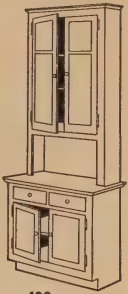
CROSS SECTION

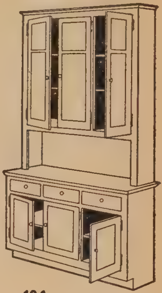

415

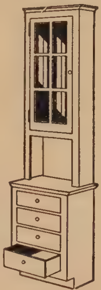

419

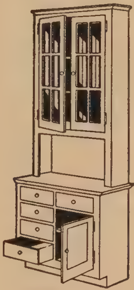

423

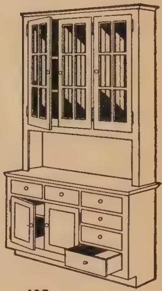

416

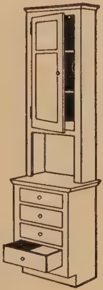

420

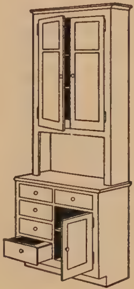

424

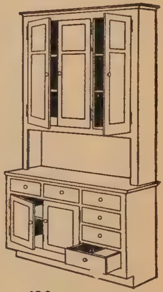

417

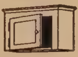

421

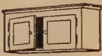

425

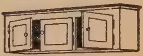

418

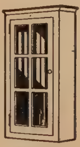

422

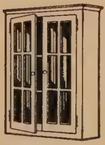

426

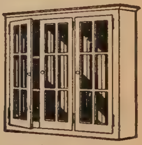

427-X


427-Y


427-Z

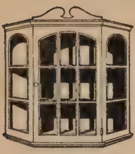

431-X


431-Y


431-Z

CORNER CHINA CASES

Enhance the appearance of any Dining Room
Particularly effective in modernizing



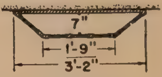
430

The Wyndham

Hanging Wall Case

Clear Ponderosa Pine

3'-2" wide x **3'-3"** high x **7"** deep. 3 Shelves. Plywood back. Weight 45 lbs. Glazed with Flat Drawn Glass. Hardware is not included—see page 147. Semi-assembled. Carton packed.



Floor Plan

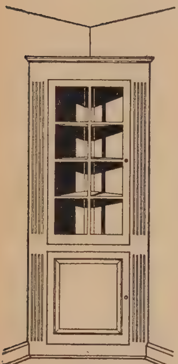
$\$9^{05}$ each

The Devonshire

For Limited Space
or Limited Budgets

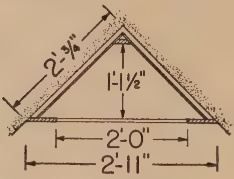
Clear Ponderosa Pine

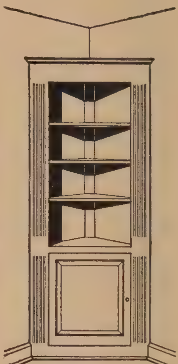
No. **431**—With upper door glazed. No. **431-A**—Upper door omitted. **2'-11"** wide x **7'-2"** high x **13½"** deep. Bottom has 1 shelf and a single door. Top section has 3 shelves and a glazed door **1'-10"** x **4'-0"** divided 2 wide, 4 high with wood bars. Hardware is not included—see page 147. Weight 94 lbs. with door or 72 lbs. without. Semi-assembled. Carton packed.



431

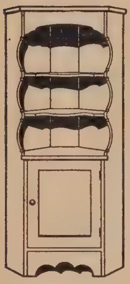
$\$14^{20}$ each





431-A

$\$11^{75}$ each



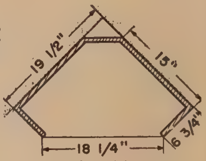
432

The Stuyvesant

Sturdy Dutch Colonial
in Character

Clear Ponderosa Pine

2'-5" wide x **5'-11"** high x **14¾"** deep. Bottom section has 1 shelf and Door 17"x25". Plywood back—semi-assembled. Hardware is not included—see page 147. Carton packed. Weight 46 lbs...........



Floor Plan

$\$13^{55}$ each

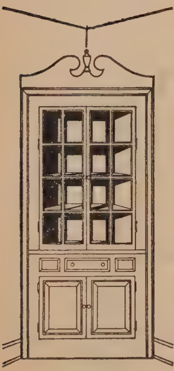
The Mount Vernon

An Early American Period Model
Faithfully Reproduced

Clear Ponderosa Pine

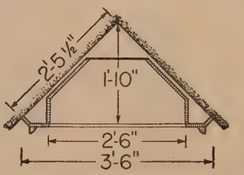
No. **433**—With upper doors glazed. No. **433-A**—Upper doors omitted. **3'-6"** wide x **8'** high x **15"** deep. Bottom section has 1 shelf and a pair of raised panel doors with false drawers above. Top section has 3 shelves and a pair of glazed doors **2'-6"** x **3'-8"**. Each door divided 8 lights with wood bars. Shelf supports (but no other Hardware) included. Weight 110 lbs. with doors or 95 lbs. without. Semi-assembled. Carton packed.

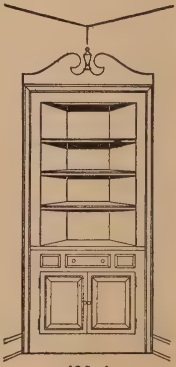
If case is to be set in a newly plastered opening, same should be left **2'-8"** x **7'-1"**.



433

$\$22^{35}$ each





433-A

$\$18^{50}$ each

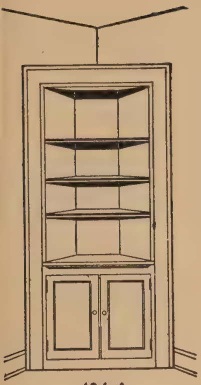
CORNER CHINA CASES

Beautiful Built-in Furniture That Certainly Helps to Sell Houses

The Lancaster

Quaker Refinement and Simplicity

Clear Ponderosa Pine



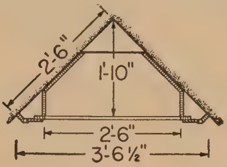
434-A

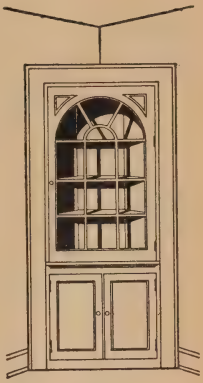
$17 75 each

No. **434**—With upper door **2′-6″** x **4′-2″** glazed D.S.A. set in hard metal bars.
No. **434-A**—Upper door omitted.

3′-6½″ wide x **7′** high x **15″** deep. Bottom section has 1 shelf and a pair of panelled doors. Top section has 3 Shelves. Plywood back. Face Trim included. Shelf supports (but no other Hardware) included. Weight 120 lbs. with glazed door or 100 lbs. without. Semi-assembled. Carton packed.

If case is to be set in a newly plastered opening, same should be **2′-8″x6′-10″**





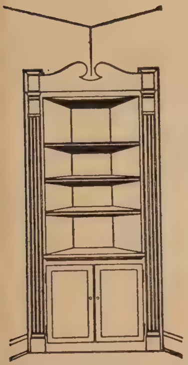
434

$23 85 each

The Monticello

True American Colonial

Clear Ponderosa Pine



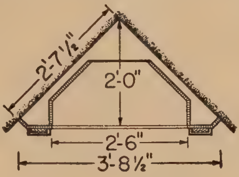
435-A

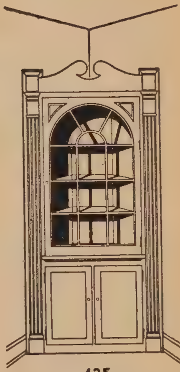
$21 10 each

No. **435**—With upper door **2′-6″** x **4′-2″** glazed D.S.A. set in hard metal bars.
No. **435-A**—Upper door omitted.

3′8½″ wide x **7′-6″** high x **15″** deep. Bottom section has 1 shelf and pair of panelled doors. Top section has 3 Shelves. Plywood back. Shelf supports (but no other Hardware) included. Weight 130 lbs. with glazed door or 110 lbs. without. Semi-assembled. Carton packed.

If case is to be set in a newly plastered opening, same should be **2′-8″x7′-1″**





435

$27 20 each

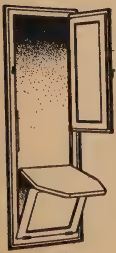
IRONING BOARD CABINETS

ON-the-WALL or SURFACE TYPE

No. 436

Overall Size, **1′5½″x5′8″**. Ironing Board **¾″x11″x48″**. Screws directly on wall or door. Does not require a wall opening—hence best for remodelling or modernizing. Projects only **1¾″** from wall. Face Trim is included. Operating hardware is included and applied but finish hardware is **not** included—see page 147.

Clear Ponderosa Pine
Carton Packed
Weight 24 lbs.......................... **$4 75** each



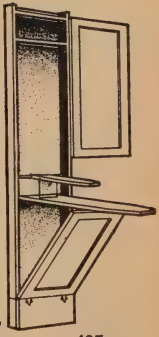
436
ON-the-WALL

IN-the-WALL or INSERT TYPE

No. 437

Ironing Board **¾″x11″x48″**. Sleeve Board **¾″x5″x26″**. Face Trim is not included, therefore should have set of trim to match balance of room. Operating hardware is included and applied but finish hardware is **not** included—see page 147. Wall Opening **1′-2″x6′-8″x3″** deep.

Clear Ponderosa Pine
Carton Packed
Weight 30 lbs.......................... **$4 55** each

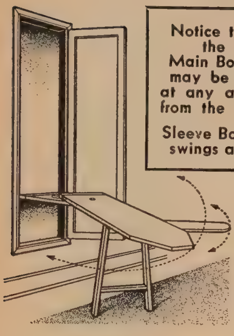


437
IN-the-WALL

IRONING BOARD CABINETS

Swivel Extension Type

Can be used at any angle from the wall



Notice that the Main Board may be set at any angle from the wall

Sleeve Board swings also

438 439

Patented

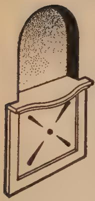
This type of Ironing Board Cabinet has no equal on the market. Both the Main and Sleeve Boards swing in a half circle so that they may be used in any position. Main Board is **¾x12½x50″**. Sleeve Board is **¾x5x26″**. Cabinet is **5′1″** high and should be set **20″** off the floor. Operating hardware is included and applied but finish hardware is **not** included—see page 147. Clear Ponderosa Pine — Carton Packed — Weight 30 lbs. each.

No. 438
ON-the-WALL
or
SURFACE TYPE
Overall Size
1′-5½″x5′-2″
Face trim included
$805 each

No. 439
IN-the-WALL
or
INSERT TYPE
Wall Opening
1′-2″x5′-1½″
Face trim included
$925 each

TELEPHONE CABINETS

Every Home Should Have At Least One



440

No. 440—FOR A PLASTERED NICHE

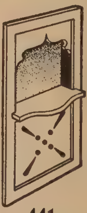
Wall Opening **1′2″x1′4½″**. Overall Size **1′4½″x1′5½″**. Bell Box is **3⅞″** deep inside. Scrolled Shelf is **7″** wide.

Clear Ponderosa Pine
Carton Packed
Weight 12 lbs. . . . . **$205** each

No. 441—WITH SCROLLED TOP

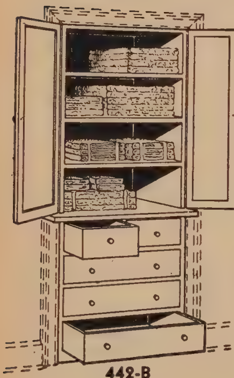
Wall Opening, **1′2″x2′8″**. Overall Size, **1′4½″x2′10″**. Bell Box is **3⅞″** deep inside. Scrolled Shelf is **7″** wide.

Clear Ponderosa Pine
Carton Packed
Weight 12 lbs. . . . . **$345** each



441

For Folding Wall Seat see page 124



442-B

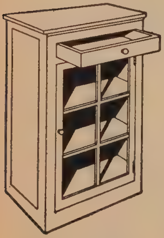
LINEN CLOSET

For Hall, Bedroom or Bath

Top section is **3′-10″** high, has one or two doors and three shelves with cleats. Bottom Section is **3′-0″** high, has **5** drawers. Divider Shelf between top and bottom is **1⅛″x18″**. Ends furnished for bottom section, but ends above divider shelf as well as entire back should be plastered or panelled. Front and Doors **1⅛″** thick, balance **¾″** thick. Hardware is not included—see page 147. Face Trim is **not** included, therefore an extra set of trim to match room trim should be ordered.

No. **442-A**—Single Door above Counter. Wall Opening **1′-6″** wide x **6′-10″** high x **1′-5″** deep. Clear Ponderosa Pine—Carton Packed, Weight 90 lbs. **$1235** each

No. **442-B**—Two Doors above Counter as illustrated. Wall Opening **2′-6″** wide x **6′-10″** high x **1′-5″** deep. Clear Ponderosa Pine—Carton Packed, Weight 100 lbs. **$1525** each



443 444

DIVIDER CABINETS

For Dinette Partitions

Panelled back and 2 panelled ends, hence can be used either right or left hand. Door is ¾″ thick and glazed with clear glass set in wood stops. Three shelves with cleats. Silver drawer at top is **3″** deep. Semi-assembled.

Hardware is **not** included—see page 147.

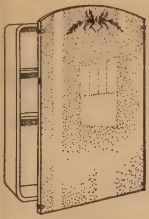
No. 443
Overall Size, **2′0″** wide x **4′0″** high x **1′1″** deep.
Clear Ponderosa Pine. Carton Packed. Weight 54 lbs. **$910** each

No. 444
Overall Size, **2′4″** wide x **4′10″** high x **1′1″** deep.
Clear Ponderosa Pine. Carton Packed. Weight 72 lbs. **$970** each

STEEL BATHROOM CABINETS

All Have Genuine *Plate* Glass Mirrors

All our Steel Cabinets are rust-proofed and finished inside and out with 2 coats of hot-baked White Enamel which resists Iodine and other medicinal stains and which will not peel, crack or fade under normal usage. All Cabinets are individually carton packed and well protected for shipment. Note especially that **ALL** of our Cabinets have ¼" thick **PLATE GLASS** (not crystal or window glass) Mirrors. This means that images will not be distorted and really makes a **LOT** of difference.

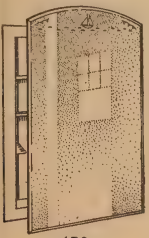

449

The Floridian

For Wall Hanging with Exposed Sides

Finished on the sides, top and bottom with concealed hanger slots, so that it can either be hung flush on the wall or inserted in a plastered opening.

No. **449**—Bevelled Plate Glass **14x20"**, 2 Glass Shelves, 13½x18x4½" Overall. Wt. 18 lbs.......... **$4.55** each


450

The Kentuckian

not ~~$7.95~~

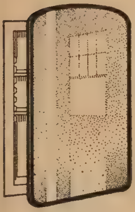
not ~~$6.95~~

but only

STEEL INSERT CABINET
with
Arched Top, Engraved, Bevelled, Venetian Mirror

Has Tooth Brush Holder and Razor Blade Drop. Cadmium Plated Hinges and Chain Door Stop. 4 Shelf Rests and 2 Bulb Edge Glass Shelves.

No. **450**—Bevelled Plate Glass Mirror **16x22"**. Wall Opening 13⅝x18½x3⅜", wt. 23 lbs... **$5.95** each


452-B
453-B

The Cincinnatian

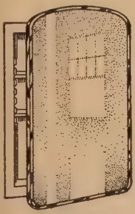
STEEL INSERT CABINETS with METAL BANDED MIRRORS

Have Tooth Brush Holders and Razor Blade Drops. Adjustable Bulb Edge Glass Shelves and full length "Piano" Hinges.

With Black Lacquered Band

No. **452-B**—Plate Glass Mirror **13½x20"**—2 shelves, Wall Opening 11⅜x16⅜x3½", wt. 15 lbs........ **$3.70** each

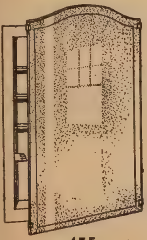
No. **453-B**—Plate Glass Mirror, **15¾x23"**—3 Shelves. Wall Opening 13½x18½x3½", wt. 17 lbs. each.......... **6.25**


452-S
453-S

With Stainless Steel Band

No. **452-S**—Plate Glass Mirror, **13½x20"**—2 Shelves. Wall Opening 11⅜x16⅜x3½", wt. 15 lbs........ **$4.15** each

No. **453-S**—Plate Glass Mirror, **15¾x23"**—3 Shelves. Wall Opening 13½x18½x3½", wt. 17 lbs. each.......... **6.60**


455
456

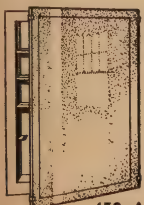
The Chicagoan

STEEL INSERT CABINETS
with
CURVED TOP, MITRED LINE, VENETIAN MIRRORS
Adjustable Bulb Edge Glass Shelves

Razor Blade Drops and Tooth Brush Holders. Cadmium Plated, full length "Piano" Hinges.

No. **455**—Plate Glass Mirror **16x24"**—3 Shelves. Wall Opening 13½x19½x3½", wt. 30 lbs......... **$7.80** each

No. **456**—Plate Glass Mirror **18x26"**—4 Shelves. Wall Opening 15½x21½x3½", wt. 35 lbs., each........ **10.25**


458-A

The Detroiter

STEEL INSERT CABINET
with
RECTANGULAR, MITRED LINE, VENETIAN MIRROR
Adjustable Bulb Edge Glass Shelves

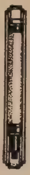
Razor Blade Drops and Tooth Brush Holders. Cadmium Plated full length "Piano" Hinges.

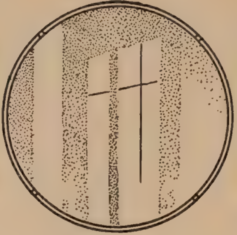
No. **458-A**—Plate Glass Mirror **16x22"**—3 Shelves. Wall Opening 13½x19½x3½", wt. 28 lbs........ **$7.75** each

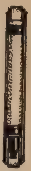
CIRCULAR CABINETS

Strike the Keynote of Modern Homes

White Enameled Steel Cabinets made exactly like those described on preceding page. They fit easily into stud openings as the boxes are rectangular.


463


462


463

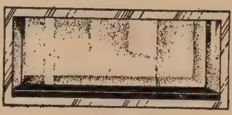
In keeping with the modern vogue, these units are smart and well proportioned. They form an attractive group or may be used separately.

RECESS SHELF

No. 461

Stainless Steel throughout which will always retain its luster. The bottom is covered with Black Opal glass shelf. Weight 5 lbs., carton packed. Wall Opening 15⅞x6x3½".

$8.45 Each

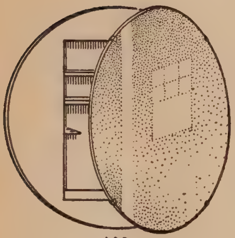

461

RECESS SHELF

No. 461-A

Interior surfaces are Mirrors tinted Blue or Rose. The Face Flange is Chromium Plated. Wt. 25 lbs. Carton packed. Wall Opening 23⅜x7⅜x4".

$19.65 Each


460

The Ohioan

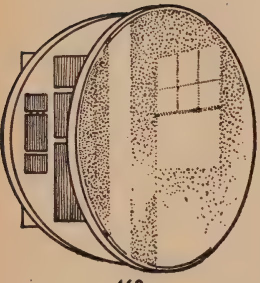
STEEL INSERT CABINET
with
CIRCULAR FRAMELESS
PLATE GLASS MIRROR

The Mirror is all that is seen when the door is closed. Has Tooth Brush Holder and Razor Blade Drop.

No. **460**—21" Diameter Mirror.
2 Bulb Edge Glass Shelves.
Wall Opening 10⅝x15⅝x3½".
Weight 22 lbs.......................... **$7.15 each**

The Olympian

STEEL INSERT CABINETS
with
CIRCULAR PLATE GLASS MIRRORS


462

Door may be opened to its full 90° angle, exposing the entire interior. Same shelf space available as in a rectangular cabinet. Has Tooth Brush Holder and Razor Blade Drop.

With Bevelled Frameless Mirror

No. **462**—25" Diameter Mirror.
¼" Plate Glass, copper backed.
2 Glass-covered Metal Shelves.
13⅝x18⅝x3⅜" wall opg. Wt. 42 lbs. **$20.30 each**

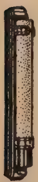
With Chromium Banded Mirror

No. **462-A**—25" Diameter Mirror.
¼" Plate Glass, copper backed.
2 Glass-covered Metal Shelves.
13⅝x18⅝x3⅜" wall opg. Wt. 45 lbs. **$21.90 each**

TUBULAR WALL BRACKET LIGHTS

CAN BE USED WITH ANY CABINET, WHETHER SQUARE, ARCHED, OR CIRCULAR

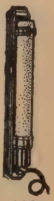
Carry Underwriters' Approval and Union Label.


463

The Bostonians

Frosted Candles 2" in diameter and 12" long rest in chromium plated Cups on chromium plated wall brackets 2½x17". Arm and ring at top hold Candles firmly in position. Lower Bracket houses Socket and is equipped with Switch. In addition one lower Bracket of each Pair has a Convenience Outlet. Back Plate is screwed directly to the Wall by means of an adjustable metal Installation Strap. They require **T-8** clear **40** watt bulbs which are not included. Carefully Carton Packed.

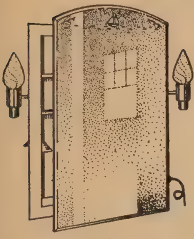
PER PAIR
$8.35


463

LIGHTED CABINETS

Soft Illumination is the Vogue

Lighted Cabinets are **CHEAPEST** in the end because **no other** Bathroom Lights or Electric Fixtures are necessary. These Cabinets are all-steel, white enameled, and have **Genuine Plate Glass Mirrors** exactly like the Cabinets described on page 121. In addition they are completely wired, with Switch and Convenience Outlet for Electric Shaver, Curling Iron, or other Electric Appliances. All Carry Underwriters' Approval and Union Label.



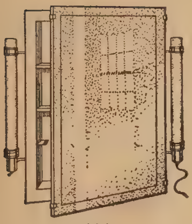
464

The New Englander

STEEL INSERT CABINET
with
Arched Top, Engraved, Venetian Mirror
and
Chromium Plated Side Light Brackets

Has Tooth Brush Holder and Razor Blade Drop, Cadmium Plated Hinges and Chain Door Stop, 4 Shelf Rests and 2 Bulb Edge Glass Shelves. Any standard light bulbs can be used but the light bulbs are not included.

No. **464**—Bevelled Plate Glass Mirror **16x22"**, Wall Opening 13⅝x18½x3⅜", Wt. 28 lbs.......................... $\$12^{30}$ each



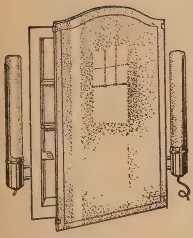
466

The Pittsburgher

STEEL INSERT CABINET
with
RECTANGULAR VENETIAN MIRROR
and
CANDLE SIDE LIGHTS EACH SIDE

Tubular Frosted Glass Shades are firmly held in Chromium Plated Brass Brackets which are attached to sides of Cabinet. A Switch for both lights is built into the Base of the Left Bracket and a Convenience Outlet into the one at Right.
Razor Blade Drop and Tooth Brush Holder, Nickel Plated full length "Piano" Hinge.
No. **466** — **18x24"** Plate Glass Mirror — 2 Bulb Edge Glass Shelves.
Wall Opening 15⅝x21⅜x2¾", wt. 60 lbs. $\$19^{35}$ each

Note: All Candle Side Lights require **T-8** clear **40** watt Bulbs. These are **not** included but can be secured at any Electric Shop.

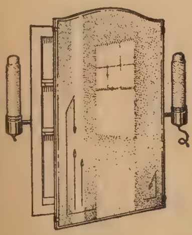


467

The Californian

STEEL INSERT CABINET
with
CURVED TOP VENETIAN MIRROR
and
CANDLE SIDE LIGHTS EACH SIDE

Tubular Frosted Glass Shades are firmly held in Chromium Plated Brass Brackets which are attached to sides of Cabinet. A Switch for both Lights is built into the Base of the Left Bracket and a Convenience Outlet into the one at Right.
Razor Blade Drop and Tooth Brush Holder, full length "Piano" Hinge and adjustable Shelf Supports.
No. **467** — **16x24"** Plate Glass Mirror — 2 Bulb Edge Glass Shelves.
Wall Opening 13½x20⅛x2¾", wt. 45 lbs. $\$17^{35}$ each



469

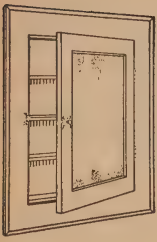
The Easterner

STEEL INSERT CABINET
with
CURVED TOP VENETIAN MIRROR
and
GLOW SIDE LIGHTS EACH SIDE

Light is diffused through Tubular Frosted Glass Shades or Glow Lights Chromium-plated Cups support the Shades and house the Sockets into which the Light Bulbs are screwed. (These should be **T-10** clear **40** watt Bulbs but are **NOT** included.) Toggle Switch is built into the Base of Left Cup and a Convenience Outlet into Base of Right Cup.
Razor Blade Drop and Tooth Brush Holder, full length "Piano" Hinge and adjustable Shelf Supports.
No. **469** — **16x24"** Plate Glass Mirror — 2 Bulb Edge Glass Shelves.
Wall Opening 13½x20⅛x2¾", wt. 35 lbs. $\$15^{95}$ each

WOOD BATH CABINETS

Clear Ponderosa Pine—Unfinished



470

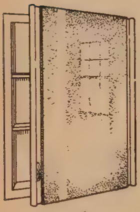
The Virginian

WOOD INSERT CABINETS with PLATE GLASS MIRRORS

Complete with Pine Back Band Trim. 3 Wood Shelves. Nickel Plated Hardware and Glass Knob included. Carton packed.

No. **470-A**—Plain Plate Mirror **14x18″**.
Wall Opening 19x23x3½″. Weight 20 lbs....... **$4 00** each

No. **470-B**—Plain Plate Mirror **16x20″**.
Wall Opening 21x25x3½″. Weight 25 lbs....... **$4 75** each



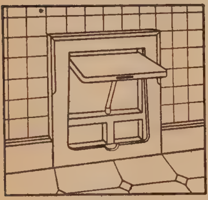
471

The Indianian

WOOD INSERT CABINET with VENETIAN PLATE GLASS MIRROR

Cabinet is almost entirely concealed by the door. Chrome Plated Hardware and Mirror Clips included. Carton packed.

No. **471**—Plate Mirror **12x22″**, 3 shelves.
Wall Opening 14⅜x21x3½″. Weight 25 lbs.... **$7 20** each

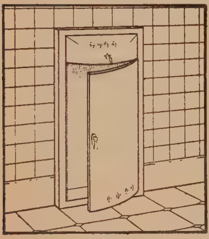


474

FOLDING WALL SEAT

For Use at the Telephone Convenient in Bath or Kitchen

Rigid and strong—ready to set in place and use.
Wall Opening 14″ wide x 29¼″ high x 4″ deep.
Clear Ponderosa Pine with Fir panel back.
No. **474**—Weight 13 lbs.—Carton packed........ **$5 10** each



474-A

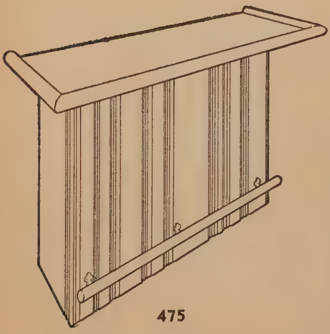
METAL CLOTHES HAMPER

Every Bathroom Should Have One

Insert Type

Made of heavy gauge Furniture Steel, with baked-on White Enamel finish and equipped with Chromium-plated Hardware. Projects only 2″ from the wall at each side and has rounded front projecting 2½″ more at the center.
Soiled linen is deposited through Upper Door and removed by opening Lower Door. The openings at top and bottom assure ventilation.

No. **474-A** Wall Opening 16x36x3⅞″
Overall Size 18¾x38½x8¼″; Wt. 65 lbs..... **$7 25** each



475

RUMPUS ROOM BAR

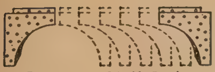
Knotty Ponderosa Pine with Hardwood Top

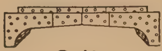
The Top has 1¾″ Round Roll Rim across the front and both ends and there is a 1¾″ Round Foot Rail to match—all of Hardwood. Front and Sides are Knotty Pine ¾″ thick with wide Colonial Beading. Top is **19x61″** overall and is 42″ from the floor. Base is **12½x47″** with 2 full length shelves. Metal brackets for Foot Rail are included.
Can be put together in a few minutes with hammer and nails. Unfinished. Individually carton packed. Wt. 80 lbs. Price.. **$10 95** each

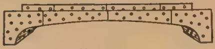
METAL BUILDING SPECIALTIES

For First Class Plaster Jobs

METAL ARCH FORMS


Quarter or Half Circle


Gothic


Elliptic

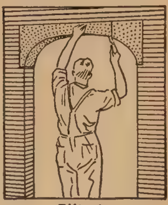
A Combination Plaster Ground, Plaster Base and Corner Bead for a rigid, crack-proof, symmetrical and truly aligned Plastered Arch, at low cost.

$1 95 AND UP

FOR 2x4 STUD WALLS

No.	Style	Opening	Between Studs	No. Pcs.	Weight	Price Per Set
476	Circle	20″	21½″	2	5 lbs.	$1.95
476-A	“	31½″	33″	2	7 “	2.55
476-B	Gothic	30″	33″	4	6 “	2.85
476-C	“	48″	51″	4	7 “	3.10
476-D	Elliptic	60″	63″	4	8 “	3.25
476-E	“	72″	75″	4	9 “	3.45

For **2x6, 2x8,** or **2x10** Stud Walls, add **50%** and specify plainly on order.


Elliptic

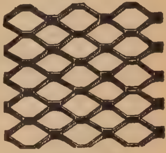
EXPANDED DIAMOND MESH METAL LATH

10 Sheets 27″x96″ (20 Sq. Yds.) to the Bundle—No Bundles Broken

20c Up Per Sq. Yd.

No.	Style	Finish	Per Sq. Yd. Wt.	Per Sq. Yd. Price	Per Bundle Weight	Per Bundle Price
477	Flat	Painted	2.2 lbs.	**20c**	36 lbs.	**$4.00**
477-A	“	“	3.4 “	**23c**	55 “	**4.60**
478	Self Furring	Painted	2.2 “	**21¼c**	36 “	**4.25**
478-A	“	“	3.4 “	**24½c**	55 “	**4.90**

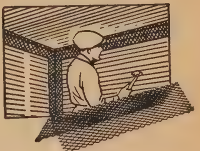
Galvanized Lath is not available at present.
Write for Special METAL LATH Circular showing other kinds.


477

CORNER RE-ENFORCEMENT

Prevents Cracks at Plastered Inside Corners and Ceiling Angles

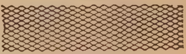
No. 479-B—In strips 3x3″x8 ft., Diamond Mesh, painted. Packed in bundles of 75 strips or 600 lineal feet. No bundles broken. Weight 84 lbs. Price per bundle **$8.65**


479-B

DIAMOND MESH LATH-STRIP

For Re-enforcing Flat Joints of Plaster Board or Insulating Lath.

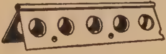
No. 479-C—In strips 3″ wide x 8 ft. long, painted. Packed in bundles of 75 pieces or 600 lineal feet—No bundles broken. Weight 45 lbs. Price per bundle **$6.75**


479-C

CORNER BEADS – For Exposed Plaster Corners

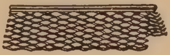
26 GAUGE GALVANIZED

2⅓c Ft.


480

STANDARD—Flanges 1½″ wide, **No. 480**
10 pieces per bundle—No bundles broken.

No.	Lgth.	Ft. per Bdl.	Weight	Per Bdl.
480-A	6′	60	12 lbs.	**$1.40**
480-B	8′	80	16 “	**1.85**
480-C	9′	90	18 “	**2.10**
480-D	10′	100	20 “	**2.30**

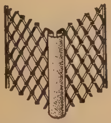

481

3½c Ft.

EXPANSION—Flanges 2½″ wide, **No. 481**
10 pieces per bundle—No bundles broken.

No.	Lgth.	Ft. per Bdl.	Weight	Per Bdl.
481-A	6′	60	14 lbs.	**$2.15**
481-B	8′	80	19 “	**2.85**
481-C	9′	90	21 “	**3.20**
481-D	10′	100	23 “	**3.50**

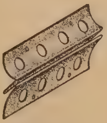
Metal Grounds, Channels, Bucks, Furring, Concrete Sleeper Clips, etc., quoted on request.


482

BULLNOSE EXPANDED CORNER BEAD

For use with Steel Sash openings when Jambs are plastered.

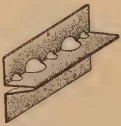
No. 482—26 gauge galvanized—¾″ radius—2½″ flange. Packed in bundles of 10 strips 10′ long or 100 lineal feet to the bundle. No bundles broken. Weight 29 lbs. Price per Bdl... **$6.90**


482-A

CONCEALED PICTURE MOULD

Conforms with Modern Decoration. Less expensive than wood.

No. 482-A—26 gauge galvanized—solid flange. Packed in bundles of 10 strips 10′ long or 100 lineal feet to the bundle. No bundles broken. Weight 26 lbs. Price per Bdl... **$3.40**


482-B

STRAIGHT POINT BASE SCREED

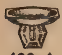
For use with Cement, Terazzo or Composition Base.

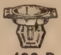
No. 482-B—26 gauge galvanized for ½″ plaster thickness. Packed in bundles of 10 strips 10′ long or 100 lineal feet to the bundle. No bundles broken. Weight 16 lbs. Price per Bdl... **$2.15**

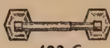
BATHROOM ACCESSORIES

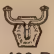
With the Richness of Glistening Metal

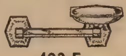
Made from Cast Metal, heavily Chromium Plated. Easily attached to walls with wood screws which are furnished with each order. If wanted with **Lugs** for installation in Tile Walls (no extra charge) specify **"Lug Type"** when ordering. Individually wrapped and carton packed.

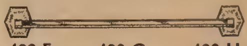

483-A

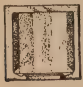

483-B

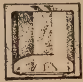

483-C

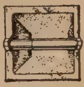

483-D

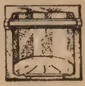

483-E


483-F **483-G** **483-H**

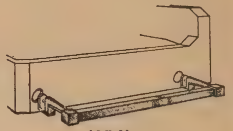

485-A


485-B


485-C


485-D

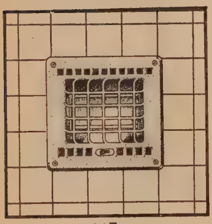
No.	Description	Price
483-A	Projecting Soap Holder	$1.25
483-B	“ Tooth Brush and Tumbler Holder	1.25
483-C	“ Paper Holder (Chrome Roller)	1.60
483-D	“ Double Robe Hook	1.30
483-E	“ Grab Bar and Soap Holder	2.80
483-F	“ 18″ Hexagonal Towel Bar ¾″ thick	2.20
483-G	“ 24″ “ “ “ “ “	2.45
483-H	“ 30″ “ “ “ “ “	2.75
485-A	Recess Tumbler Holder	2.10
485-B	“ Soap Holder	2.30
485-C	“ Paper Holder (Chrome Roller)	2.40
485-D	“ Grab Bar and Soap Holder	3.00
485-K	Attachable Sq. Towel Bar, ½″ thick, 14″ long	1.10


485-K.

Bathroom Accessories are shipped separately by express or freight (whichever is cheapest) unless postage is included in remittance. Average weight 2 lbs. per piece. For Tileboard see page 28.

ELECTRIC BATHROOM HEATER

Wall Type – Chromium Plated


487

Approved by the Underwriters' Laboratories

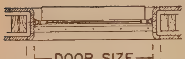
Thoughtful Builders now provide auxiliary Electric Heaters as a standard feature in Bathrooms, Dressing Rooms and Nurseries to provide comforting warmth for chilly spring and fall days. During the winter months the Electric Heater instantly supplies the "extra" heat required for bathing, dressing and hair drying, thus enabling the heating plant to be operated at a lower temperature at a very appreciable saving in the heating bill. Heating elements unaffected by water, instantly replaceable and installed as easily as a wall switch. Individually and securely carton packed, with installation instructions included. Weight 8 lbs. Wall opening **11½x11½x2½″.**

Prices per Complete Heater — Ready to Install

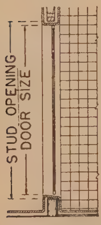
No.	Rating	Cost per hr.	Price
487-A	115 Volt...... 600 Watts	1⅓c.	$7.90
487-B	“ “ ......1000 “	2c	9.70

SHOWER STALL DOORS

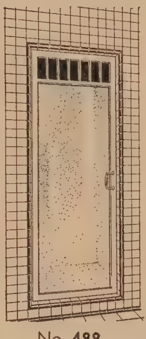
For Beautiful Bathrooms

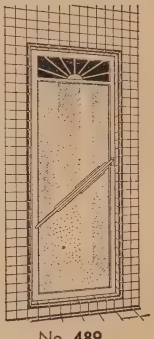


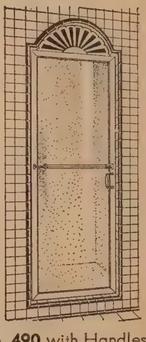
Plan



Section


No. **488** with Handles


No. **489** with Diagonal Bar


No. **490** with Handles and Horizontal Bar

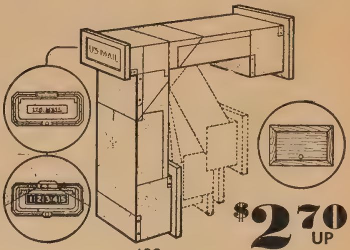
Made of hard drawn Brass, seamless tubular construction which is not to be confused with ordinary channel construction or stamping. Doors have mitred and overlapped corners and swing on full length Piano Hinges; each is equipped with double action friction catch and forged Bronze push and pull handles, or can have combination push and towel bar for very little more. Jambs are drawn brass with sill and water apron to insure a leak-proof and splash-proof installation. Measurements should be taken to face of tile (if in place) or face of studs (if opening is roughed-in only). For an extra charge Jambs can be furnished adjustable up to ½″ in width. All metal parts are highly polished, nickel plated, then chromium plated and polished again. Glass is 3/16″ Crystal, although Translucent Velvex (frosted) Glass can be furnished without extra charge **when specified.** ¼″ Polished Plate glass is also available. The grille opening at the top of each door lets out the steam. Average weight 150 lbs. Always state whether size given is **Stud** or **Tile** opening and whether Door is to be hinged at **right** or **left** hand side, viewed from outside of Stall.

Prices per Door up to 2′-3″x6′-6″ without Push Bar, made to exact size.

No. **488**............$37.00 No. **489**............$42.00 No. **490**............$43.00
For **Adjustable Jambs,** add....**$6.25** For **Diagonal Push Bar,** add.................. 9.23
For **Horizontal Towel** and **Push Bar,** add..$**3.75** For **¼″ Polished Plate Glass,** add..... 7.50
For Doors **larger** than **2′-3″x6′-6″,** add per inch in width or height.................... 1.25

BUILT-IN MAIL BOXES

Adjustable to Any Wall



$2.70 UP

492

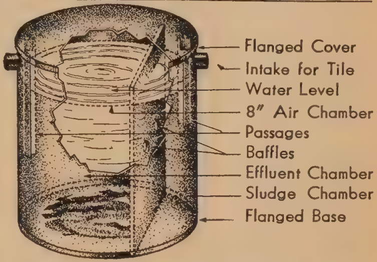
Chute proper is heavy galvanized iron with a three way adjustment (patented) so that it can be used in any wall from 5⅛″ to 18½″ thick. **Wood Door** and Knob are furnished for interior opening. Exterior is either Cast Brass or Aluminum (subject to stock on hand).
House Numbers are enamelled black with white letters. Plate will accommodate 5 numbers (blanks should be ordered if less than 5 numbers are required, to make up 5 in all). **Illuminating Fixtures** include 2 miniature lamps, 6.3 volt, in series, switch, and wiring to connect with house bell transformer. Only furnished when House Numbers are ordered.

PRICES PER MAIL BOX

	Exterior Door					Add for		
No.	**Size**	**Material**	**Finish**	**Weight**	**Price**	**Push Button**	**House Numbers**	**Illum. Fixture**
492-A	7½″x3¾″	Aluminum	Natural	6 lbs.	$2.70	$0.35		
492-B	"	Brass	Dull Bronze	6 "	3.10	.35		
492-C	9″x4″	Aluminum	Natural	6½"	3.25	.35	$0.95	$1.70
492-E	"	Brass	Dull Bronze	8 "	3.90	.35	.95	1.70

SEPTIC TANKS

Ready to Install



Constructed of 14 gauge steel, heavily coated with Asphalt for rust prevention. All joints are electrically welded and top is provided with heavy flanged lid. Connections are provided for 6 inch inlet and outlet pipes. Interior is designed in accordance with the latest approved principles developed by sanitary engineers. Full instructions sent with each shipment.

PRICE PER TANK

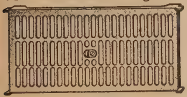
Sewer Pipe and Drain Tile are **not** included.

No.	Diameter	Lgth.	Capacity	Persons	Weight	Price
493-A	30″	48″	150 Gal.	4*	180 lbs.	$12.95
493-B	38″	48″	200 "	7*	230 "	15.00
493-C	46″	48″	300 "	11*	280 "	18.10
493-D	52″	60″	500 "	20*	380 "	25.30

*For installation in schools or factories double this number.

$12.95 AND UP

ADJUSTABLE WALL VENTILATORS



495

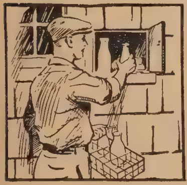
16″ wide x 8″ high—Cast Iron. Consists of two sides each perforated with ¾″ holes. The outside has anchoring lugs to secure it in the wall, while the inside is movable—a push to right or left adjusts the amount of air flow. Furnished with or without small mesh bronze screen.

No. **495** (Without Bronze Screen) each	$1.60
No. **495-A** (With Bronze Screen) each	1.80

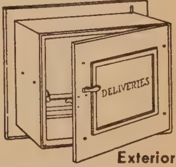
Cast Bronze quoted upon request. Weight 12 lbs.

$1.60 each

METAL PACKAGE RECEIVERS



All Receivers are insulated and ventilated so as to keep the interior close to room temperature and thus eliminate freezing or spoilage of foodstuffs. They are strong and rigid, being made of heavy gauge steel, welded at the joints, with panelled doors on both sides. Both doors have solid brass, nickeled, pull type catches and concealed hinges. Nos. **498-A** and **498-B** each have an automatic lock on the exterior door which is only released when the interior door is opened. This necessitates ordering these two numbers hinged either at right or left side (viewed from inside), while the others are reversible. No. **498-E** is intended for installation in corridors of apartment buildings.



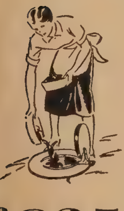
Exterior

PRICES PER COMPLETE UNIT

No.	Wall Opening	Depth	Wall	Hinged On	Weight	Price
498-A	13⅞x11⅛″	9″	Exterior	Left Side	20 lbs.	$6.83
498-B	"	9″	"	Right "	20 "	6.83
498-C	"	6″	"	Reversible	16 "	5.99
498-D	"	9″	"	"	20 "	5.99
498-E	14¼x11¼″	*	Interior	"	15 "	7.04

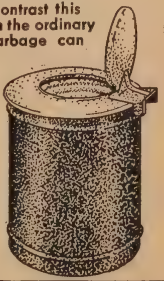
* Body telescopes to fit any wall from 5¼″ to 9¼″.

UNDERGROUND GARBAGE RECEIVERS



Made in two parts—outer shell and inner pail. The shell is of 16 gauge copper alloy steel covered with heavy Asphaltum paint. The bottom is opened for drainage but is stiffened by galvanized cross rods on which the pail rests.
The pail is corrugated and heavily galvanized and is slightly tapered so that it can be lifted out easily by the bucket handle which is provided. The top is all steel—strong and substantial. The lid is opened by foot pressure and covers an opening 11″ in diameter.

Contrast this with the ordinary garbage can



PRICES PER COMPLETE RECEIVER

No.	Capacity	Dia.	Hgt.	Wt.	Price
501-A	9 gal.	17″	19″	38 lbs.	$6.25
501-B	12 "	17″	22″	43 "	7.30
501-C	15 "	17″	26″	47 "	8.35
501-D	21 "	18″	28½″	70 "	10.45

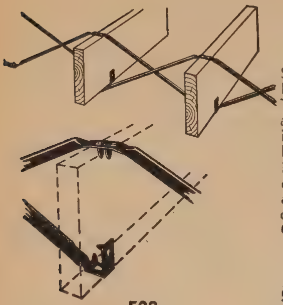
$6.25 UP

Shipments of less than 50 lbs. made by Express unless Parcel Postage is included in remittance.

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

METAL BUILDING SPECIALTIES

Often Hard to Secure



502

INTERLACING STEEL BRIDGING

Better Than Wood — Lots Quicker to Use

Accepted by F. H.A.

Saves much more than its cost in carpenter's labor. Each piece of Bridging rests **ON** one joist and fastens to **TWO** more—one at either side. Nails are not required as pre-formed prongs at the center and ends are driven into the joists with a hammer blow. The ends are then bent over and prongs are driven into the sides of the joists. Made of high carbon steel, ribbed for strength and painted with rust-proof paint. Come in two sizes for joists which are to be set 16″ on center only and packed 100 pieces of double Bridging to the carton—no cartons broken. Order 1 piece per joist for each row of bridging.

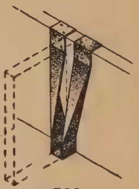
Prices per carton of 100

No.	Joist Size	Weight	Price
502-A	2x 8	48 lbs.	**$5.30**
502-B	2x10	52 “	**5.40**

JOIST HANGERS

Required by most Building Codes

Made of steel bars of equal tensile strength throughout. All have square supporting arms with holes properly punched for nails and broad bearing surfaces proportionate to the size of the timbers.



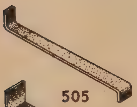
503

No.	Joist Size	Bar Size	Strength Lbs.	Opg. in Hanger	Weight Each	Price Each
503-A	2x8	2x1/8″	6000	2x 7¾″	1¾ lbs.	17c
503-B	2x10	2½x1/8″	7500	2x 9⅝″	2½ “	22c
503-C	2x12	3x1/8″	9000	2x11½″	2¾ “	28c
503-D	4x8	2x1/8″	6000	4x 7¾″	1⅞ “	22c
503-E	4x10	2½x1/8″	7500	4x 9⅝″	2¾ “	25c
503-F	4x12	3x1/8″	9000	4x11½″	3¾ “	38c

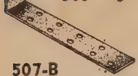
Many other sizes can be supplied. Quoted on request.

MASONRY ANCHORS

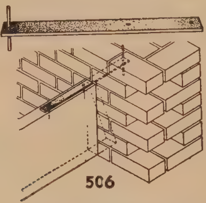
Give Added Safety — Save Time and Money in the Long Run



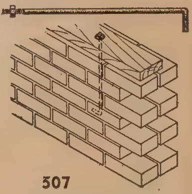
505



507-B



506



507

STONE ANCHORS

To secure Stone Facing to Back-up Wall. Flat steel with 1⅜″ offset at one end and ⅞″ reversed offset at the other—hot galvanized

Prices Per 100

No.	Lgth.	Wt.	Price
505-A	6″	50 lbs.	$**5.33**
505-B	8″	62 “	**6.67**
505-C	10″	72 “	**8.00**
505-D	12″	82 “	**8.87**

JOIST ANCHORS

To secure joists in Brick Walls, they are nailed to the top of the joist and imbedded in the masonry. Supply rigidity where strain is greatest.

Prices Per 100

No.	Size	Wt.	Price
506-A	1x5/16x14″	90 lbs.	**$8.00**
506-B	1x5/16x18″	110 “	**9.13**
506-C	1½x¼x18″	205 “	**16.33**
506-D	1¼x¼x55″	525 “	**37.33**

WALL PLATE ANCHORS

To secure Sill to Foundation and Roof Plate to Brick Wall. ½″ Rods with 2″ angle at one end and 2″ thread at the other. Furnished with nuts and washers.

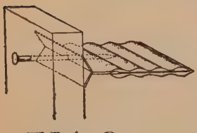
Prices per 100

No.	Length	Wt. Lbs.	Price
507-A	12″	70	$**11.20**
507-B	18″	120	**13.20**

DOOR BUCK ANCHORS

To secure Jambs and Bucks to masonry walls. Flat steel perforated for nailing 2x1/16x12″ with one end turned up 2″.
No. **507-C** per 100 (wt. 40 lbs.)........................**$5.62**

WALL PLUGS



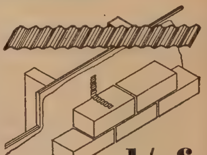
1½c EACH

Should be used where wood members are to be nailed to masonry. They are deeply corrugated to afford a sure grip on nail, and heavily galvanized to resist corrosion. The bevelled ends exclude mortar and keep plugs from spreading.

No. 508-A Each measures 2¼x3″. Packed 500 in a carton. No cartons broken. Weight 35 lbs.
PRICE per carton of 500 Plugs........**$7.50**

WALL TIES

Used to tie Face Brick to back-up on solid brick walls, or to wood sheathing on brick veneered walls. They are made of heavily galvanized steel, deeply corrugated and have holes in one end for nailing.



⅓c EA.

No. **508-B**—Each measures ¾x7″. Packed 1,000 in a carton. No cartons broken. Weight 35 lbs.
PRICE per carton of 1,000 Ties..........**$3.35**

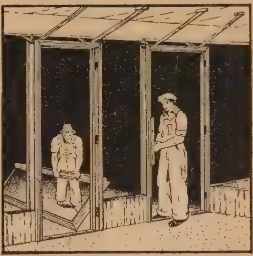
Write us about other items you are interested in and we will quote you promptly.

Shipments of less than 50 lbs. are made by Express unless Parcel Postage is included in remittance

METAL DOOR FRAMES

COMBINATION BUCKS, JAMBS AND TRIM

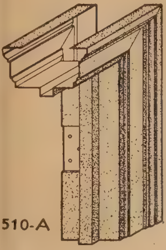
Have Replaced Wood on Large Operations

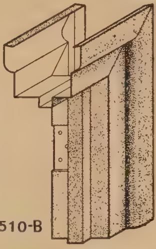


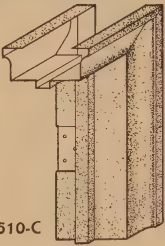
Metal Door Frames, or "Combination Bucks" as they are sometimes called, have certainly entered the building field to stay. They are now universally used on hotels, office buildings or large apartments and are becoming more popular all the time for the residential field and for smaller apartment buildings. They come completely set up, prepared for hardware and make bucks or plaster grounds unnecessary as, being metal, they can be set before plastering. In the case of masonry partitions (tile, gypsum block, etc.) they are set first and the walls are laid up to them.

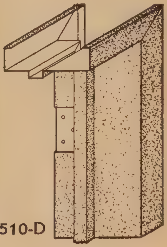
- **ACCURATE.** They are formed on a template and are sharp, straight, true and uniform. The jambs and trim are integral, being rolled from a single sheet of metal and the corners are coped, mitred, reinforced and welded. The mitred trim joints will never open as frequently occurs with wood casing.
- **PREFABRICATED.** They are made for any of the standard wall widths and ordinary door sizes and come ready to set. They are braced at the bottom to keep them square and are mortised, reinforced, drilled and tapped for the hardware.
- **TIME-SAVING.** They eliminate the enforced waiting period necessary for the plaster to become thoroughly dry so that wood jambs and trim can be erected, and they can be painted as soon as the plastering is finished, thus speeding up job completion by several weeks.
- **LABOR-SAVING.** They are set as easily as ordinary bucks or grounds, and all labor incidental to erecting the finished jambs and trim or cutting the jambs for hardware is eliminated entirely.

4 STANDARD TYPES


510-A


510-B


510-C

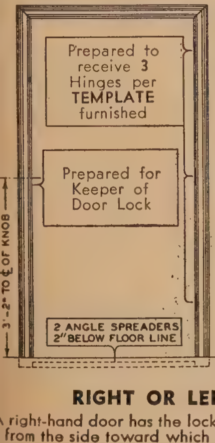

510-D

$6.90 and up

$6.25 and up

SPECIFICATIONS

Metal Door Frames are made of No. 16 gauge cold-rolled steel. The joints between head and jambs have full continuous weld. Anchors are provided to secure the frames to the walls and steel angle spreaders are welded to bottom of each side to insure parallel alignment. Steel reinforcements are provided for hardware cut-outs of sufficient thickness to insure rigid construction. The exposed surfaces are thoroughly cleaned, joints polished and the frames are given a shop prime coat before shipment.


Prepared to receive 3 Hinges per TEMPLATE furnished
Prepared for Keeper of Door Lock
3'-2" TO ℄ OF KNOB
2 ANGLE SPREADERS 2" BELOW FLOOR LINE

PRICES PER FRAME

For doors 3-0x7-0 or smaller Rabbetted for 1⅜" or 1¾" thick Doors. Jambs not over 5¼" wide.	10 or more*	Less than 10
No. 510-A—Full Moulded Trim	$6.90	$8.25
No. 510-B—Quarter Round Trim	6.90	8.25
No. 510-C—Plain Cove Trim	6.25	7.60
No. 510-D—Flush Type Trim	6.25	7.60
Add for each 6" wider or higher	.40	.40

*Can be assorted sizes provided all same pattern.
Frames for larger doors or wider walls quoted on request.
Average weight 60 lbs. per frame.

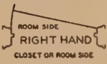
HOW TO ORDER

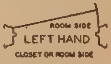
The following information is **absolutely necessary** before Metal Door Frames can be fabricated:

1—Type of Frame wanted.
2—Exact Door size.
3—Specify Right or Left Hand swing (see below).
4—Kind of Wall.
5—Thickness of Finished Wall.
6—Specify whether Frame sets on floor; if not, specify how far below floor it is to go.
7—One set of **TEMPLATE** Hardware **MUST** be furnished

RIGHT OR LEFT HAND SWING

A right-hand door has the lock at the right-hand side as you face it from the side toward which it swings.



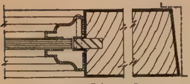


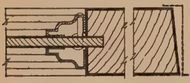
HARDWARE

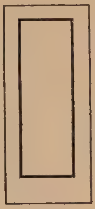
We will prepare metal frames for hardware if **TEMPLATE** hardware is furnished, but unless otherwise specified jambs are prepared to receive 3 standard 3½x3½" Loose Pin Ball Tipped Butts **No. 624,** page 144, and standard keeper for mortise door lock such as **No. 583** on page 142, spaced so that knob centers 3' 2" above floor. Add **$1.00 per set** to Hardware prices on pages 141-144 if Hardware is to be included with Metal Door Frames.

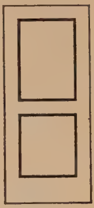
KALAMEIN (FIRE-PROOF) DOORS

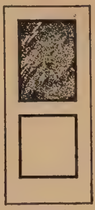
Metal Covered On All Sides And Edges

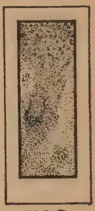

Section—Glass Door


Section—Panel Door


512-A


512-B


512-C


512-D

Kalamein or Metal Covered Doors have non-resinous Spruce or White Pine cores, thoroughly kiln dried. The stiles and rails are mortised and tenoned together and securely dowelled. Panels in non-labeled Doors are Sheet Rock, while those in labelled Doors are ¼″ Asbestos, all panels being set in hollow metal panel moulds. The cores are covered with 24 gauge zinc coated sheet steel drawn tight and clinched so as to lay smooth. Joints between metal on stiles and rails are lapped and nailed to the wood cores and the seams are soldered and ground smooth. The Doors are made to exact size, with one edge slightly bevelled and are given a shop coat of metallic primer. Where glass openings are provided, the glass is set in hollow moulds, and held in place with self-tapping sheet metal screws.

Prices Per Door				512-C		512-D	
Size (not over)	Thick	512-A	512-B	Open	Gla.*	Open	Gla.*
2-8x6-8	1¾″	$16.17	$18.48	$17.91	$19.25	$15.49	$18.92
2-6x7-0	"	16.17	18.48	17.91	19.77	15.49	19.25
3-0	"	17.33	19.92	18.77	21.05	16.64	19.50
3-6	"	18.48	21.37	19.64	22.50	17.80	21.52
For **Underwriters' Labeled Doors,** add		7.90	7.90	12.90	12.90	15.40	20.52

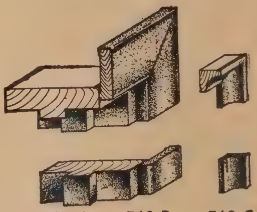
* ¼″ Rough Wired Glass boxed separately to save freight.

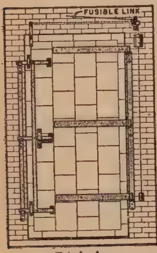
Note: Underwriters' Labeled Doors cannot have individual lights of glass over 225 sq. inches each; hence when Labeled, No. **512-C** is divided 4 lights, 2W2H, and No. **512-D** is divided 6 lights, 2W3H. If Doors are to be **prepared for hardware** at the factory, add **$2.00** each and furnish **template hardware** and **sketch** showing swing of Door.

METAL COVERED JAMBS AND TRIM

Specifications the same as for Kalamein Doors above. The metal is tightly drawn over all exposed surfaces of the Jambs and all surfaces of the Trim. Unless otherwise specified, Jambs are 1¾x5½″ rabbetted for 1¾″ Doors, Plain Casing is ⅞x3½″ round edge and Brick Mould is ⅞x⅞″.

Prices Per Set Size (not over)	**Jambs** No. 513-A	**Casing** No. 513-B	**Mould** No. 513-C
2-8x6-8	$5.84	$2.92	$1.93
2-6x7-0	5.84	2.92	1.93
3-0	6.01	2.95	1.99
3-6	6.53	3.00	2.07


513-A **513-B** **513-C**



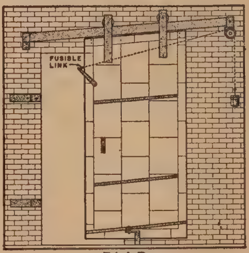
514-A
Single Swing Door

TIN CLAD DOORS

Bearing Underwriters' Label

Cores are well seasoned White Pine or Spruce, assembled with cut iron nails and covered with 20-pound Fire Door Terne Plate laid flat to core, all seams locked. Complete hardware including counter balancing weights is furnished but **wall bolts** are **not included** as these vary with job conditions. **Frames** are **not included** as, if required, they usually consist of angle or channel iron secured to corners of brick openings. Frames and wall bolts quoted on request. State wall thickness.

Always give size of Masonry Opening



514-B
Gravity Sliding Door

Prices for Either Type — Complete with Hardware

Sliding Doors should be made **"Lap Type,"** that is, 8″ wider and 4″ higher than masonry opening. Note that Doors are priced according to **actual size of Door**—not according to size of masonry opening. **Always give size of Masonry Opening as well as Size of Door.**

3 PLY – 2⅝″ THICK – Bearing Underwriters' Label

Widths up to	**Heights** (up to) 6-6	7-0	7-6	8-0	HR*
3-0	$25.53	$27.49	$29.46	$31.42	20″
3-4	28.80	30.78	32.73	35.34	20″
3-8	31.42	34.03	36.00	38.62	21″
4-0	34.03	36.65	39.27	41.91	21″
4-4	37.31	39.93	42.55	45.82	22″
4-8	39.93	43.20	45.82	49.09	22″
5-0	42.55	45.82	49.09	52.36	23″

Widths up to	**Heights** (up to) 6-6	7-0	7-6	8-0	HR*
5-4	$45.82	$49.09	$52.36	$56.29	23″
5-8	48.43	52.36	55.64	59.57	24″
6-0	51.05	54.98	58.91	62.83	24″
6-4	54.33	58.26	62.18	66.76	25″
6-8	56.95	61.52	65.45	70.04	25″
7-0	59.57	64.14	68.73	73.30	26″

Larger sizes **$1.19** per sq. ft. See table page 57.

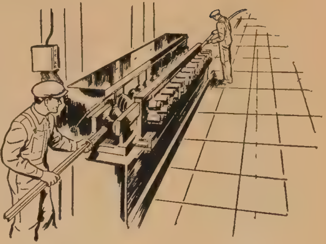
***Head Room** required for No. **514-B** Gravity Sliding Doors only. Where headroom is limited **Level Sliding Doors** (requiring only 12″ of headroom regardless of width of Door) are usually accepted by the Underwriters and can be furnished when specified (No. **514-C**).

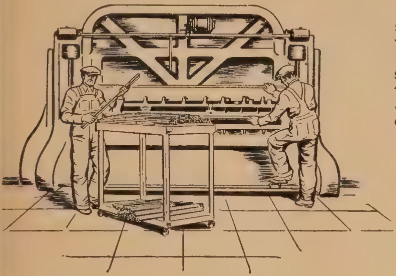
Single Swing Doors No. **514-A** require **12″** of Headroom and when over **4′** wide are made in pairs. If Single Swing Doors are made **Lap Type,** the hardware must be **mounted on plates** for which **add 35%** to price of Door.

Average weight of Kalamein Doors—100 lbs.; Jambs—30 lbs. per set; Casings—15 lbs. per set; Mould—5 lbs. per set; 3-Ply Tin-Clad Doors—13 lbs. per sq. ft.

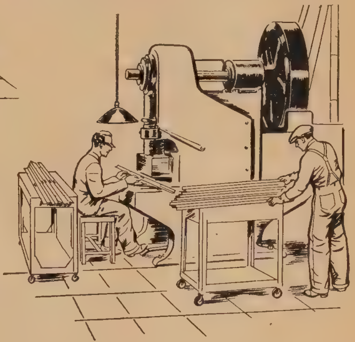
Steel Sash

Iron Windows, as they were first called, were for many years looked upon with heated disfavor by the Building Industry in general and all Lumbermen in particular. Thousands of reasons were advanced why they should be confined to Jails and Fireproof Buildings, but in spite of this resistance, they have come into general use for practically all types of building, largely due to the fact that, being metal, they can be completely fabricated with precision so that labor is largely eliminated on the job. Quantity production, as the Automotive Industry has shown, ultimately makes expensive products cheap.

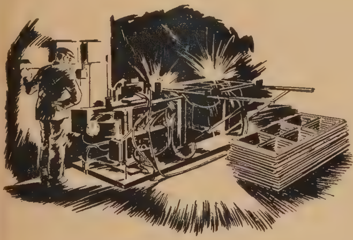




Flat steel, containing Copper and other special Alloys, is cut into strips and fed through Rolling Machines which form it into the various standard shapes. The smaller forms are "Cold Rolled" while the heavier ones must be rolled "Hot" and, of course, the rollers are in reality dies working under tremendous pressure.

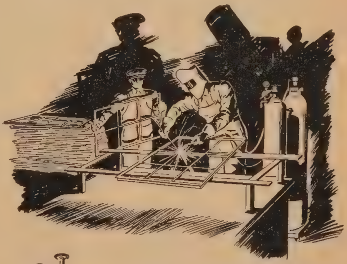


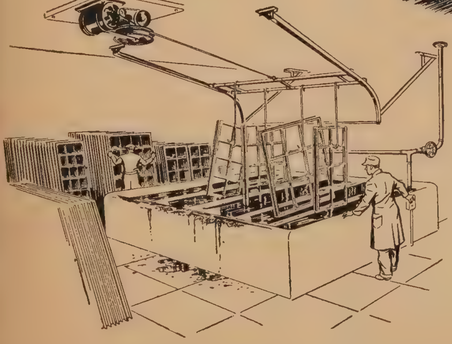
The rolled sections are cut to proper lengths and then pass through a series of fabricating operations consisting of cutting the mitres at the corners, punching the frame members for hardware, the sash members for muntins and punching and notching the muntins so they will interlock. The muntins are also punched for the wire glazing clips which later are used to secure the glass before the putty is applied.



The various members are assembled. Sash and Frames separately, and are then squared up and driven together by hand, securely enough to be welded. Electric Welding is done in a heavy powerful machine such as pictured at left. The Sash or Frame is held square and in perfect alignment while the four corners are welded from both sides and then ground off until they are smooth. After careful inspection and testing for alignment, the Sash go to the Spot Welder where the muntins are welded together so as to stiffen the Sash and make them leakproof where the muntins intersect.

The Sash are now ready for installation in the Frames. In the case of hinged Sash, the hinges are both riveted and welded. After this, the units are given final inspection to make sure they are still in alignment and close tightly. Among other tests, a piece of paper is inserted between the Sash and Frame members, and must hold tight enough, so as not to move when Sash is closed.

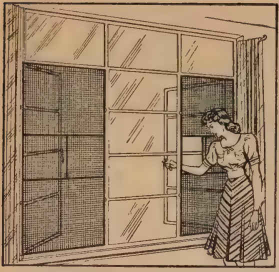




From the Inspector's bench, the Sash move on to the Dipping Tanks, where a series of baths remove all foreign matter and impurities, and coat every exposed part with heavy lead oxide primer. After passing on an overhead carrier through drying temperatures, the completed Window Units are placed in stock.

Metal Screens and Storm Sash are fabricated in much the same way as the Sash, although of course the process is much simpler. The finish, however, is "baked-on" so that no further painting is ever required. The screen wire is "rolled-in" with splines and the Glass is set in Cork and Felt bedding. Either Iron or Bronze Hardware is available and is shipped separately, boxed complete with proper machine screws for installation.

HOUSING WINDOWS



No. 520—Type **HM-6528**

Bonderized

This Window has been designed to meet the increasing demand for a strong and substantial Steel Casement Window, without frills of any kind, for use in Low Cost Housing Operations. The initial cost is low and the cost of installation is way below that for any other window, whether wood or metal. Housing Windows have been almost universally adopted by the Government for Low Cost Housing Projects and have been found eminently satisfactory from an Architectural as well as a Maintenance viewpoint.

THE MOST WINDOW FOR THE LEAST MONEY

COMPLETE UNITS combine Frame and Sash. Where indicated on the layout below by dashed lines, the Ventilators are **SIDE HINGED** to **SWING OUT**—other portions of the Windows are STATIONARY side lights or transoms. Extension type Friction Hinges permit cleaning the glass from the inside of the room and hold the sash in position when opened. Sash are installed in Frame and adjusted ready to operate.

SECTIONS are the same as used for regular Steel Casement Sash (see page 133) and the construction is, in general, the same with electrically welded corners, carefully worked out weathering features and continuous water drips above transom bars. Our Housing Windows are ***Bonderized*** or **Rust-proofed** exactly the same as the more expensive Casements. This chemical process forms a non-metallic coating over all surfaces which is rust resistant and an excellent base for paint. One coat of gray primer is then baked-on at the factory.

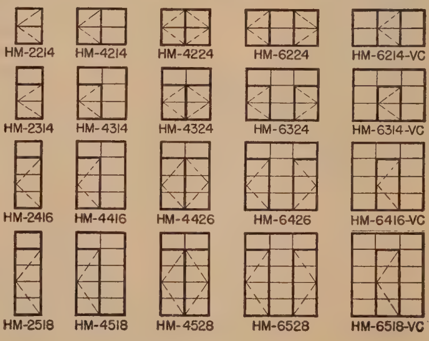
HARDWARE is included with all Windows. This includes attractively designed malleable iron Locking Handle and Friction Hinges which hold the Swing Leaves open in any position.

SCREENS have Metal Frames with Baked-on Enamel Finish and are covered with 16 mesh Bronze Wire. **WICKETS** provide access to the Locking Handles so that the Sash can be opened or closed without removing the Screens or disturbing the draperies.

FINS can be furnished for masonry walls or **WOOD SURROUNDS** for frame walls (see installation details top of page 135).

GLASS is quoted cut to size and boxed. We price S. S. A. and 3/16″ Crystal which we recommend highly—see page 151. With all glass we include sufficient Steel Sash Putty to make a first class job. Glazing is done from the outside with wire glazing clips which are furnished with each order. Windows must be glazed on the job after installation.

STANDARD LAYOUTS — HOUSING WINDOWS — No. 520



$3.55 Each	HM-2214	HM-4214	HM-4224	HM-6224	HM-6214-VC	**$6.04 Each**
$3.67 Each	HM-2314	HM-4314	HM-4324	HM-6324	HM-6314-VC	**$6.61 Each**
$4.05 Each	HM-2416	HM-4416	HM-4426	HM-6426	HM-6416-VC	**$7.68 Each**
$4.49 Each	HM-2518	HM-4518	HM-4528	HM-6528	HM-6518-VC	**$8.82 Each**

PRICES PER WINDOW — No. 520

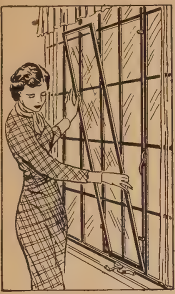
Complete With Hardware			ADD FOR				
TYPE	Dimensions Width x Height	WINDOW PRICES	Wicket Screens	Steel Fins	Wood Surrounds	Glass and Putty S.S.A.	Crystal
HM-2214	1-7½x2-3½	$3.55	$2.00	$0.69	$0.96	$0.60	$0.68
HM-2314	3-3¾	3.67	2.00	.86	1.21	.90	1.02
HM-2416	4-4	4.05	2.35	1.02	1.42	1.20	1.36
HM-2518	5-4¼	4.49	2.55	1.19	1.72	1.50	1.70
HM-4214	3-1¾x2-3½	4.41	2.00	.81	1.42	1.20	1.36
HM-4314	3-3¾	4.94	2.00	.98	1.67	1.80	2.04
HM-4416	4-4	5.56	2.35	1.14	1.87	2.40	2.72
HM-4518	5-4¼	6.08	2.55	1.31	2.12	3.00	3.40
HM-4224	3-1¾x2-3½	6.41	3.20	.81	1.42	1.20	1.36
HM-4324	3-3¾	6.70	3.20	.98	1.67	1.80	2.04
HM-4426	4-4	7.44	3.45	1.14	1.87	2.40	2.72
HM-4528	5-4¼	7.96	4.05	1.31	2.12	3.00	3.40
HM-6224	4-7⅞x2-3½	8.04	4.00	.94	1.77	1.80	2.04
HM-6324	3-3¾	8.33	4.00	1.10	2.02	2.70	3.06
HM-6426	4-4	9.56	4.70	1.27	2.22	3.60	4.08
HM-6528	5-4¼	10.87	5.10	1.43	2.48	4.50	5.10
HM-6214-VC	4-7⅞x2-3½	6.04	2.00	.94	1.77	1.80	2.04
HM-6314-VC	3-3¾	6.61	2.00	1.10	2.02	2.70	3.06
HM-6416-VC	4-4	7.68	2.35	1.27	2.22	3.60	4.08
HM-6518-VC	5-4¼	8.82	2.55	1.43	2.48	4.50	5.10

Should **Storm Sash** be desired, use prices on page 135.

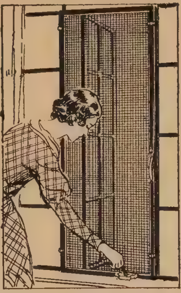
STEEL CASEMENT SASH

Bonderized

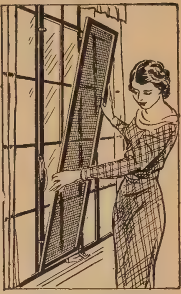
SEE PRICES AND SIZES ON THE TWO FOLLOWING PAGES



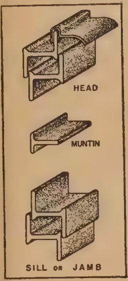
STORM SASH
are
Interchangeable with **METAL SCREENS** shown at right, but cover entire sash area, including fixed and stationary portions.



ROTARY OPERATORS
for
SCREEN TYPE CASEMENTS
permit quick and easy adjustment to any position without removing the storm sash or screens.



METAL SCREENS
are
Interchangeable with **METAL STORM SASH** shown at left. They cover only the portion of each unit that swings open.



ALL STEEL CASEMENT SASH SWING OUT

Extension Hinges permit cleaning from the inside of the room. Casements with only one Swing Leaf are furnished Right Hand unless Left Hand is specified in ordering. **Viewed from the outside—**
A Right Hand Casement is HINGED at the Right and a Left Hand at the Left.

All Sections are of specially designed, hot-rolled, new billet steel. Frame and Ventilator members are **Z**-shaped, measuring 1 1/16″ from front to back and weighing 2 pounds per lineal foot. Ventilator Members have Baffle providing continuous two-point weathering contact.

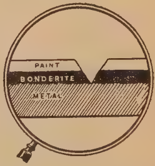
Corners of Frame and Ventilator Members are mitred and electrically butt welded, with exposed surfaces at welds ground to a smooth finish.

Muntins are **T**-shaped, with 5/8″ face and are continuous between Rails and Stiles, rigidly interlocked and held flush at all corner intersections.

Continuous Water Drips are provided at all Transom Bars and at heads of Units which are ventilated full height.

OUR STEEL CASEMENTS ARE

Bonderized



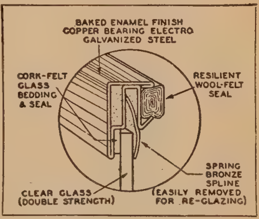
This is a chemical process which coats the steel with a non-metallic protective covering that resists rust and provides an excellent foothold for paint. After being ***Bonderized*** the Casements are given a prime coat of gray paint and then oven baked at 300° for half an hour. This gives a rust-proofed finished surface from which paint will not flake or peel.

FLAT METAL SCREENS

Bonderized Steel Frames have Baked-on Enamel Finish and are covered with 16-mesh Bronze Screen Wire retained by metal Spline which makes them easily rewireable. A separate Screen, which may be set in place or removed instantly, is furnished for each ventilator and is attached to the inside of the window with four inconspicuous and conveniently located Clips.

METAL STORM SASH

Hollow Metal Frames with clear D.S.A. Glass laid on Cork-Felt Bedding and retained by Spring Bronze Spline which permits re-glazing. Interchangeable with Screens, but cover entire Sash area, and like Screens, require very little storage space when not in use. They should be ordered **with the Sash** to avoid error. We **CANNOT** supply them for any Steel Casements except those which we furnish.

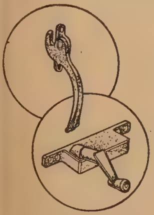

BAKED ENAMEL FINISH COPPER BEARING ELECTRO GALVANIZED STEEL
CORK-FELT GLASS BEDDING & SEAL
RESILIENT WOOL-FELT SEAL
SPRING BRONZE SPLINE
CLEAR GLASS (DOUBLE STRENGTH)
EASILY REMOVED FOR RE-GLAZING

WOOD SURROUNDS

Recommended where Casements go in Frame Walls. See installation details top of page 135. Clear **all heart** Redwood, prefitted for half lap mitre joints at two top corners.

STEEL FINS

Recommended where Casements go in Masonry Walls. They permit the Unit to be anchored securely into the wall when bolted to Head and Jamb sections.



Rotary Operator

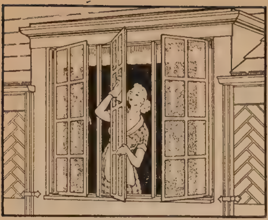
HARDWARE

Worm Gear Rotary Adjusters operate through the Sill, they **open** or **close** the Sash as well as hold them securely in any desired position. The Locking Handles are of attractive design and positively prevent forcing or opening of the Sash from the outside. It is not necessary to remove Screens or Storm Sash nor interfere with Venetian Blinds, Curtains or Draperies to open or close the ventilators. Die-cast White Metal Hardware in lacquered Bronze Finish is included in price of each unit and is always furnished unless **Solid Bronze Hardware** (which costs extra) is specified. See price table on page 135.

GLASS AND PUTTY

Glass is cut to exact size and boxed. We quote both Single Strength "A" quality and 3/16″ Crystal (see top of page 151), and include sufficient best-quality steel sash Putty for glazing. All Glass should be bedded in putty. Wire Glazing Clips are included with each shipment of Sash whether Glass is ordered or not.

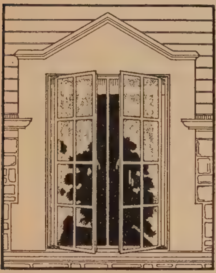
(Continued on next page)

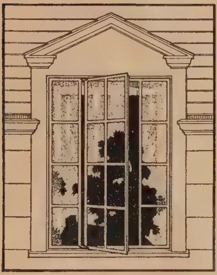


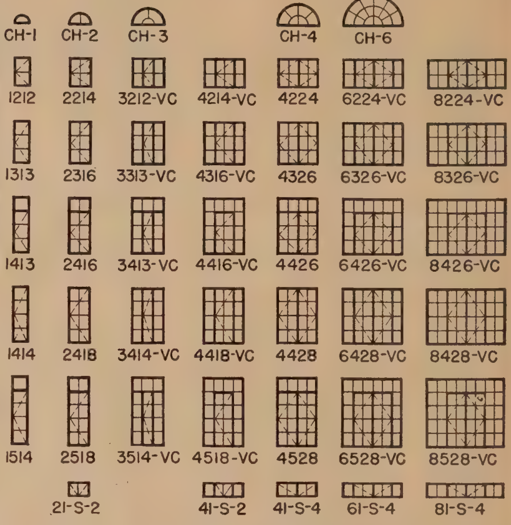
ENGLISH TYPE STEEL CASEMENTS

Specify No. 521 when ordering

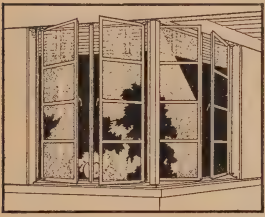
Always shipped unless otherwise specified. This is the conventional type having rectangular lights of glass approximately **8" wide by 12" high.**






CH-1
CH-2
CH-3
CH-4
CH-6
1212
2214
3212-VC
4214-VC
4224
6224-VC
8224-VC
1313
2316
3313-VC
4316-VC
4326
6326-VC
8326-VC
1413
2416
3413-VC
4416-VC
4426
6426-VC
8426-VC
1414
2418
3414-VC
4418-VC
4428
6428-VC
8428-VC
1514
2518
3514-VC
4518-VC
4528
6528-VC
8528-VC
21-S-2
41-S-2
41-S-4
61-S-4
81-S-4

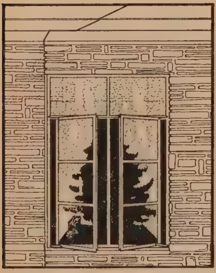
EITHER TYPE SAME PRICE—SEE OPPOSITE PAGE

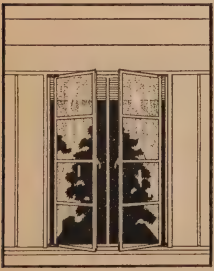


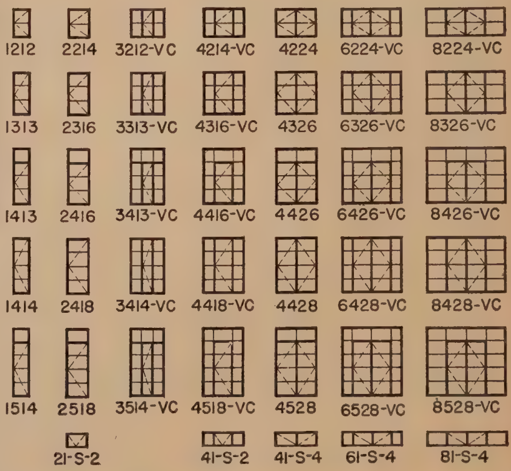
MODERNISTIC STEEL CASEMENTS

Specify No. 522 when ordering

All vertical muntins are omitted wherever structurally possible, making the wide lights of glass approximately **16" wide by 12" high** and the narrow lights approximately **8" wide by 12" high.**





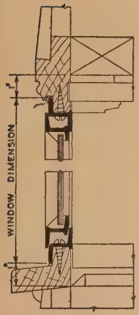

1212
2214
3212-VC
4214-VC
4224
6224-VC
8224-VC
1313
2316
3313-VC
4316-VC
4326
6326-VC
8326-VC
1413
2416
3413-VC
4416-VC
4426
6426-VC
8426-VC
1414
2418
3414-VC
4418-VC
4428
6428-VC
8428-VC
1514
2518
3514-VC
4518-VC
4528
6528-VC
8528-VC
21-S-2
41-S-2
41-S-4
61-S-4
81-S-4

EITHER TYPE SAME PRICE—SEE OPPOSITE PAGE

STEEL CASEMENT SASH

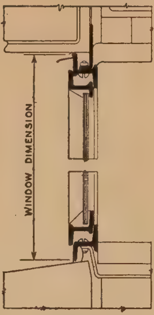
Bonderized

INSTALLATION DETAILS FOR VARIOUS KINDS OF WALLS



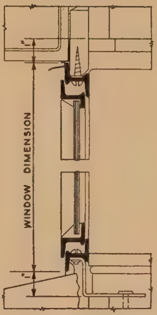
FRAME

With **Wood Surrounds** which form a Frame to receive the siding. Stucco construction is practically the same.



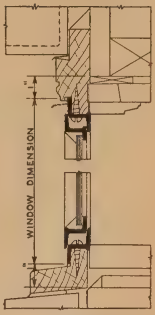
BRICK

With **Steel Fins** which anchor the Sash directly in the Brickwork. No exposed woodwork of any kind.



BRICK VENEER

Sash can be secured directly to the wood sheathing or bucks.



BRICK VENEER

With **Wood Surrounds** which may also be used for solid Brick Wa

PRICES PER UNIT — ENGLISH No. 521 OR MODERNISTIC No. 522

Sash Are Installed in Frame and Adjusted Ready to Operate–Hardware Boxed Separately

		CASEMENT	Add For						
								Glass and Putty	
Type No.	**Dimensions Width x Height**	**SASH PRICES**	**Flat Screen**	**Storm Sash**	**Bronze Hdw.**	**Steel Fins**	**Wood Surrounds**	**S.S.A.**	**Crystal**
1212	1-1⅜x2-3½	$4.46	$1.00	$2.68*	$1.02	$0.65	$0.96	$0.30	$0.34
1313	3-3¾	4.65	1.17	2.87*	1.02	.81	1.21	.45	.51
1413	4-4	4.91	1.17	3.44*	1.02	.98	1.42	.60	.68
1414	4-4	5.10	1.36	3.44*	1.02	.98	1.42	.60	.68
1514	5-4¼	5.31	1.36	4.21*	1.02	1.14	1.72	.75	.85
2214	1-7½x2-3½	5.10	1.09	2.87*	1.02	.69	1.07	.60	.68
2316	3-3¾	5.51	1.36	3.44*	1.02	.86	1.32	.90	1.02
2416	4-4	5.72	1.36	4.02*	1.02	1.02	1.52	1.20	1.36
2418	4-4	5.96	1.63	4.02*	1.02	1.02	1.52	1.20	1.36
2518	5-4¼	6.17	1.63	5.17*	1.02	1.19	1.77	1.50	1.70
3212-VC	2-7⅜x2-3½	5.68	1.00	8.43*	1.02	.67	1.01	.90	1.02
3313-VC	3-3¾	6.34	1.17	8.80*	1.02	.84	1.27	1.35	1.53
3413-VC	4-4	6.97	1.17	10.34*	1.02	1.00	1.46	1.80	2.04
3414-VC	4-4	7.11	1.36	10.34*	1.02	1.00	1.46	1.80	2.04
3514-VC	5-4¼	7.81	1.36	12.63*	1.02	1.17	1.72	2.25	2.55
4214-VC	3-1¾x2-3½	6.17	1.09	8.23*	1.02	.81	1.42	1.20	1.36
4316-VC	3-3¾	7.23	1.36	9.19*	1.02	.98	1.67	1.80	2.04
4416-VC	4-4	7.63	1.36	10.91*	1.02	1.14	1.87	2.40	2.72
4418-VC	4-4	7.84	1.63	10.91*	1.02	1.14	1.87	2.40	2.72
4518-VC	5-4¼	8.29	1.63	13.59*	1.02	1.31	2.12	3.00	3.40
4224	3-1¾x2-3½	8.70	2.18	5.74*	2.05	.81	1.42	1.20	1.36
4326	3-3¾	9.35	2.72	6.89*	2.05	.98	1.67	1.80	2.04
4426	4-4	9.97	2.72	8.04*	2.05	1.14	1.87	2.40	2.72
4428	4-4	10.21	3.26	8.04*	2.05	1.14	1.87	2.40	2.72
4528	5-4¼	10.62	3.26	10.34*	2.05	1.31	2.12	3.00	3.40
6224-VC	4-7⅞x2-3½	9.76	2.18	6.51*	2.05	.94	1.77	1.80	2.04
6326-VC	3-3¾	10.82	2.72	6.51*	2.05	1.10	2.02	2.70	3.06
6426-VC	4-4	11.68	2.72	10.34*	2.05	1.27	2.22	3.60	4.08
6428-VC	4-4	12.33	3.26	10.34*	2.05	1.27	2.22	3.60	4.08
6528-VC	5-4¼	12.95	3.26	14.17*	2.05	1.43	2.48	4.50	5.10
8224-VC	6-2x2-3½	10.83	2.18	7.66*	2.05	1.07	2.08	2.40	2.72
8326-VC	3-3¾	12.33	2.72	9.96*	2.05	1.22	2.33	3.60	4.08
8426-VC	4-4	13.60	2.72	13.40*	2.05	1.39	2.53	4.80	5.44
8428-VC	4-4	13.81	3.26	13.40*	2.05	1.39	2.53	4.80	5.44
8528-VC	5-4¼	15.07	3.26	20.67*	2.05	1.55	2.78	6.00	6.80
CH-1	1-1⅜x0-8 13/16	3.39		5.56*		1.07	5.57	.30	.34
CH-2	1-7½x0-11¾	3.60		5.74*		1.14	5.87	.60	.68
CH-3	2-7⅜x1-5 5/16	3.86		6.51*		1.17	6.16	.90	1.02
CH-4	3-1¾x1-8⅞	6.37		8.04*		1.22	7.79	1.80	2.14
CH-6	4-7⅞x2-5 15/16	8.49		14.17*		1.43	9.97	4.20	4.76

*If less than **16** Storm Sash, add **$1.50** Crating Charge. If astragals are wanted between meeting rails of double vent units, add **50c** for sash 2 or 3 lights high and **65c** for sash 4 or 5 lights high.

MULLION BARS

With Bolts for joining 1 or more Units together in width.

2 Lt. High	**$0.24**
3 “ “	**.33**
4 “ “	**.41**
5 “ “	**.50**
6 “ “	**.57**

IMPOST BARS

With Bolts for joining 2 units together in height.

1 Lt. Wide	**$0.29**
2 “ “	**.45**
4 “ “	**.81**
6 “ “	**1.14**
8 “ “	**1.51**

Drapery or **Venetian Blind Brackets** are readily installed on Steel Casements by punching holes in the Frames at the desired points and using Parker-Kalon Screws. These are case hardened and self-tapping.

TILT-IN VENTILATORS

Add 1′ 1½″ to height of any unit. ATTACHED ON JOB.

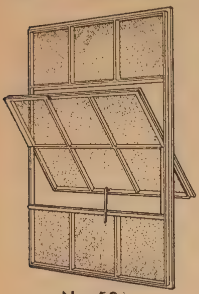
No.	For Sash	Price
21S2	1′-7½″ wide	**$4.05**
41S2	3′-1¾″ “	**4.65**
41S4	3′-1¾″ “	**4.91**
61S4	4′-7⅞″ “	**5.96**
81S4	6′-2″ “	**6.78**

To find the **weight** of any Steel Sash listed above, multiply the **price** by **7.3** (for example, No. 4428 Casement at $10.21 x 7.3 = 74.53, or approximately 75 lbs.) To find the weight of the glass and putty, multiply the price of the glass by 10.

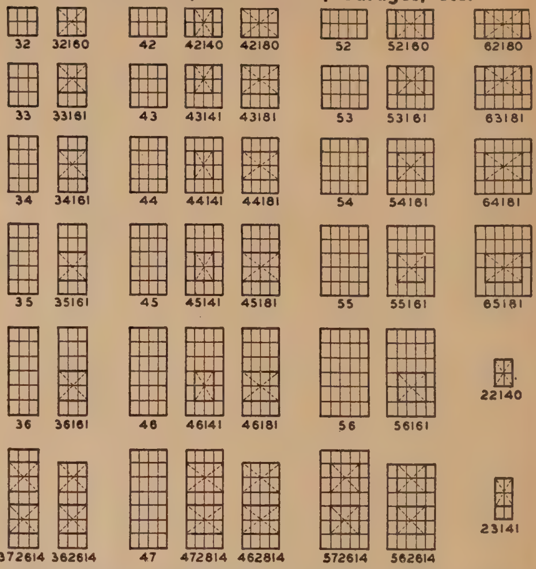
STEEL FACTORY WINDOWS

Horizontally Pivoted Type – No. 523

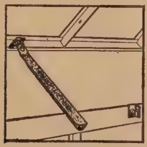
For Factories, Warehouses, Garages, etc.



No. 523
Horizontally Pivoted
Type 34161



Push Bar Adjuster holds the Ventilator open at any one of 3 positions. It also acts as a lock when closed. Included as Standard Equipment with every Ventilated Window.



PRICES PER COMPLETE WINDOW — Specify No. 523

(WITH EXTRA PRICES FOR CLEAR, 1/8″ RIBBED OR 1/4″ ROUGH WIRED GLASS AND PUTTY)

12″ x 18″ Glass (S)						14″ x 20″ Glass (T)					
Type No.	Dimensions Width x Height	**Price Open**	Glass and Putty Clear	Rib.	Wired	**Type No**	Dimensions Width x Height	**Price Open**	Glass and Putty Clear	Rib.	Wired
22140-S	2-1⅝x3-1⅝	**$3.67**	$0.96	$1.20	$1.68	**22140-T**	2-5⅝x3-5⅞	**$4.08**	$1.16	$1.52	$2.16
32-S	3-2 “	**2.45**	1.44	1.80	2.52	**32-T**	3-8 “	**2.45**	1.74	2.28	3.24
32160-S	3-2 “	**4.49**	1.44	1.80	2.52	**32160-T**	3-8 “	**4.91**	1.74	2.28	3.24
42-S	4-2⅜ “	**2.45**	1.92	2.40	3.36	**42-T**	4-10⅜ “	**2.86**	2.32	3.04	4.32
42140-S	4-2⅜ “	**4.49**	1.92	2.40	3.36	**42140-T**	4-10⅜ “	**4.91**	2.32	3.04	4.32
42180-S	4-2⅜ “	**5.31**	1.92	2.40	3.36	**42180-T**	4-10⅜ “	**5.72**	2.32	3.04	4.32
52-S	5-2¾ “	**2.86**	2.40	3.00	4.20	**52-T**	6-0¾ “	**3.27**	2.90	3.80	5.40
52160-S	5-2¾ “	**5.31**	2.40	3.00	4.20	**52160-T**	6-0¾ “	**5.72**	2.90	3.80	5.40
62180-S	6-3⅛ “	**6.13**	2.88	3.60	5.04	**62180-T**	7-3⅛ “	**6.53**	3.48	4.56	6.48
23141-S	2-1⅝x4-8	**4.08**	1.44	1.80	2.52	**23141-T**	2-5⅝x5-2	**4.49**	1.74	2.28	3.24
33-S	3-2 “	**2.86**	2.16	2.70	3.78	**33-T**	3-8 “	**2.86**	2.61	3.42	4.86
33161-S	3-2 “	**4.91**	2.16	2.70	3.78	**33161-T**	3-8 “	**5.31**	2.61	3.42	4.86
43-S	4-2⅜ “	**3.27**	2.88	3.60	5.04	**43-T**	4-10⅜ “	**3.67**	3.48	4.56	6.48
43141-S	4-2⅜ “	**5.31**	2.88	3.60	5.04	**43141-T**	4-10⅜ “	**5.72**	3.48	4.56	6.48
43181-S	4-2⅜ “	**6.13**	2.88	3.60	5.04	**43181-T**	4-10⅜ “	**6.53**	3.48	4.56	6.48
53-S	5-2¾ “	**4.08**	3.60	4.50	6.30	**53-T**	6-0¾ “	**4.49**	4.35	5.70	8.10
53161-S	5-2¾ “	**6.13**	3.60	4.50	6.30	**53161-T**	6-0¾ “	**6.53**	4.35	5.70	8.10
63181-S	6-3⅛ “	**6.94**	4.32	5.40	7.56	**63181-T**	7-3⅛ “	**7.76**	5.22	6.84	9.72
34-S	3-2x6-2⅜	**3.27**	2.88	3.60	5.04	**34-T**	3-8x6-10⅜	**3.67**	3.48	4.56	6.48
34161-S	3-2 “	**5.72**	2.88	3.60	5.04	**34161-T**	3-8 “	**6.13**	3.48	4.56	6.48
44-S	4-2⅜ “	**4.08**	3.84	4.80	6.72	**44-T**	4-10⅜ “	**4.49**	4.64	6.08	8.64
44141-S	4-2⅜ “	**6.13**	3.84	4.80	6.72	**44141-T**	4-10⅜ “	**6.53**	4.64	6.08	8.64
44181-S	4-2⅜ “	**6.53**	3.84	4.80	6.72	**44181-T**	4-10⅜ “	**7.35**	4.64	6.08	8.64
54-S	5-2¾ “	**4.91**	4.80	6.00	8.40	**54-T**	6-0¾ “	**5.31**	5.80	7.60	10.80
54161-S	5-2¾ “	**6.94**	4.80	6.00	8.40	**54161-T**	6-0¾ “	**7.76**	5.80	7.60	10.80
64181-S	6-3⅛ “	**8.17**	5.76	7.20	10.08	**64181-T**	7-3⅛ “	**8.99**	6.96	9.12	12.96
35-S	3-2x7-8¾	**4.08**	3.60	4.50	6.30	**35-T**	3-8x8-6¾	**4.49**	4.35	5.70	8.10
35161-S	3-2 “	**6.13**	3.60	4.50	6.30	**35161-T**	3-8 “	**6.94**	4.35	5.70	8.10
45-S	4-2⅜ “	**4.91**	4.80	6.00	8.40	**45-T**	4-10⅜ “	**5.72**	5.80	7.60	10.80
45141-S	4-2⅜ “	**6.94**	4.80	6.00	8.40	**45141-T**	4-10⅜ “	**7.35**	5.80	7.60	10.80
45181-S	4-2⅜ “	**7.35**	4.80	6.00	8.40	**45181-T**	4-10⅜ “	**8.17**	5.80	7.60	10.80
55-S	5-2¾ “	**6.13**	6.00	7.50	10.50	**55-T**	6-0¾ “	**6.53**	7.25	9.50	13.50
55161-S	5-2¾ “	**8.17**	6.00	7.50	10.50	**55161-T**	6-0¾ “	**8.99**	7.25	9.50	13.50
65181-S	6-3⅛ “	**9.39**	7.20	9.00	12.60	**65181-T**	7-3⅛ “	**10.21**	8.70	11.40	16.20
36-S	3-2x9-3⅛	**4.91**	4.32	5.40	7.56	**36-T**	3-8x10-3⅛	**5.31**	5.22	6.84	9.72
36161-S	3-2 “	**6.94**	4.32	5.40	7.56	**36161-T**	3-8 “	**7.35**	5.22	6.84	9.72
362614-S	3-2 “	**10.21**	4.32	5.40	7.56	**362614-T**	3-8 “	**11.44**	5.22	6.84	9.72
46-S	4-2⅜ “	**6.13**	5.76	7.20	10.08	**46-T**	4-10⅜ “	**6.53**	6.96	9.12	12.96
46141-S	4-2⅜ “	**7.76**	5.76	7.20	10.08	**46141-T**	4-10⅜ “	**8.17**	6.96	9.12	12.96
46181-S	4-2⅜ “	**8.17**	5.76	7.20	10.08	**46181-T**	4-10⅜ “	**8.99**	6.96	9.12	12.96
462814-S	4-2⅜ “	**12.25**	5.76	7.20	10.08	**462814-T**	4-10⅜ “	**13.48**	6.96	9.12	12.96
56-S	5-2¾ “	**6.94**	7.20	9.00	12.60	**56-T**	6-0¾ “	**7.78**	8.70	11.40	16.20
56161-S	5-2¾ “	**8.99**	7.20	9.00	12.60	**56161-T**	6-0¾ “	**9.80**	8.70	11.40	16.20
562614-S	5-2¾ “	**12.66**	7.20	9.00	12.60	**562614-T**	6-0¾ “	**13.48**	8.70	11.40	16.20
372614-S	3-2x10-9½	**11.02**	5.04	6.30	8.82	**372614-T**	3-8x11-11½	**12.25**	6.09	7.98	11.34
47-S	4-2⅜ “	**6.94**	6.72	8.40	11.76	**47-T**	4-10⅜ “	**7.76**	8.12	10.64	15.12
472814-S	4-2⅜ “	**13.07**	6.72	8.40	11.76	**472814-T**	4-10⅜ “	**14.29**	8.12	10.64	15.12
572614-S	5-2¾ “	**13.48**	8.40	10.50	14.70	**572614-T**	6-0¾ “	**14.71**	10.15	13.30	18.90

Windows on this page can be furnished ***BONDERIZED*** (see middle of page 133) for **5%** extra.
Prices on Special Windows bearing UNDERWRITERS' LABEL quoted on request.
For prices on MULLION BARS for above, see opposite page ☞

To find the **weight** of any Steel Sash listed above or on the opposite page multiply the **price** by **12.3** (for example, No. 44181-S at $6.53 x 12.3 = 80.32, or approximately 80 lbs.) To find the weight of the glass and putty, multiply the price of the glass by 10.

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

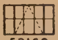
STEEL FACTORY WINDOWS

Commercial Projected Type – No. 524

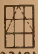
For the Better Class of Industrial Buildings

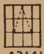
32160

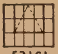
42140

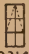

52160

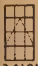
22140

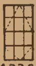

33161

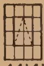

43141

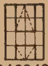

53161

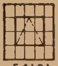

23141

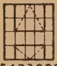

34161

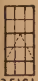

3423602

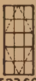

44141

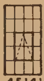

4422402

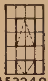

54161

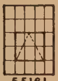

5423602

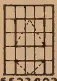

35161

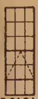

3523602

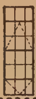

45141

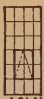

4522402

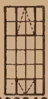

55161

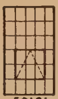

5523603

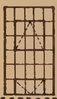

36161

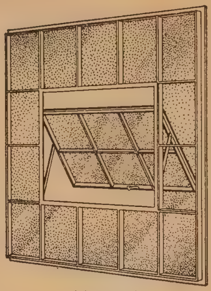

3623603


46141

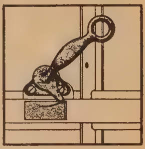

4622403

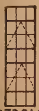

56161

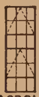

5623603


No. 524
Commercial Projected
Type 54161

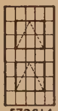
Normally the Ventilator swings OUT from the bottom with no part extending into the interior of the building, thus making for easy installation of Screens or Shades.

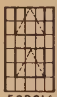

Metal Screens quoted on request. Cam Handle Locking Device is included with all Commercial Projected Windows.


372614


362614

Ventilators swing **OUT** from bottom unless otherwise specified; can be furnished to swing **IN** from top at no extra charge.


572614


562614

PRICES PER COMPLETE WINDOW — Specify No. 524

(WITH EXTRA PRICES FOR CLEAR, ⅛″ RIBBED OR ¼″ ROUGH WIRED GLASS AND PUTTY)

12″x18″ Glass (S)

Type No.	Dimensions Width x Height	Price Open	Glass and Putty Clear	Rib.	Wired
22140-S	2-1⅝x3-1⅝	**$5.72**	$0.96	$1.20	$1.68
32160-S	3-2 "	**6.53**	1.44	1.80	2.52
42140-S	4-2⅜ "	**6.53**	1.92	2.40	3.36
52160-S	5-2¾ "	**7.35**	2.40	3.00	4.20
23141-S	2-1⅝x4-8	**6.13**	1.44	1.80	2.52
33161-S	3-2 "	**6.94**	2.16	2.70	3.78
43141-S	4-2⅜ "	**7.35**	2.88	3.60	5.04
53161-S	5-2¾ "	**8.17**	3.60	4.50	6.30
34161-S	3-2x6-2⅜	**7.76**	2.88	3.60	5.04
3423602-S	3-2 "	**11.85**	2.88	3.60	5.04
44141-S	4-2⅜ "	**8.17**	3.84	4.80	6.72
4422402-S	4-2⅜ "	**12.25**	3.84	4.80	6.72
54161-S	5-2¾ "	**8.99**	4.80	6.00	8.40
5423602-S	5-2¾ "	**13.48**	4.80	6.00	8.40
35161-S	3-2x7-8¾	**8.17**	3.60	4.50	6.30
3523602-S	3-2 "	**12.66**	3.60	4.50	6.30
45141-S	4-2⅜ "	**8.99**	4.80	6.00	8.40
4522402-S	4-2⅜ "	**13.07**	4.80	6.00	8.40
55161-S	5-2¾ "	**10.21**	6.00	7.50	10.50
5523602-S	5-2¾ "	**14.29**	6.00	7.50	10.50
36161-S	3-2x9-3⅛	**8.99**	4.32	5.40	7.56
3623603-S	3-2 "	**13.07**	4.32	5.40	7.56
362614-S	3-2 "	**14.29**	4.32	5.40	7.56
46141-S	4-2⅜ "	**9.80**	5.76	7.20	10.08
4622403-S	4-2⅜ "	**13.88**	5.76	7.20	10.08
56161-S	5-2¾ "	**11.02**	7.20	9.00	12.60
5623603-S	5-2¾ "	**15.11**	7.20	9.00	12.60
562614-S	5-2¾ "	**16.74**	7.20	9.00	12.60
372614-S	3-2x10-9½	**15.11**	5.04	6.30	8.82
572614-S	5-2¾ "	**17.56**	8.40	10.50	14.70

14″x20″ Glass (T)

Type No.	Dimensions Width x Height	Price Open	Glass and Putty Clear	Rib.	Wired
22140-T	2-5⅝x3-5⅝	**$6.13**	$1.16	$1.52	$2.16
32160-T	3-8 "	**6.94**	1.74	2.28	3.24
42140-T	4-10⅜ "	**6.94**	2.32	3.04	4.32
52160-T	6-0¾ "	**7.76**	2.90	3.80	5.40
23141-T	2-5⅝x5-2	**6.53**	1.74	2.28	3.24
33161-T	3-8 "	**7.35**	2.61	3.42	4.86
43141-T	4-10⅜ "	**7.76**	3.48	4.56	6.48
53161-T	6-0¾ "	**8.58**	4.35	5.70	8.10
34161-T	3-8x6-10⅜	**8.17**	3.48	4.56	6.48
3423602-T	3-8 "	**12.66**	3.48	4.56	6.48
44141-T	4-10⅜ "	**8.58**	4.64	6.08	8.64
4422402-T	4-10⅜ "	**12.66**	4.64	6.08	8.64
54161-T	6-0¾ "	**9.80**	5.80	7.60	10.80
5423602-T	6-0¾ "	**14.29**	5.80	7.60	10.80
35161-T	3-8x8-6¾	**8.99**	4.35	5.70	8.10
3523602-T	3-8 "	**13.07**	4.35	5.70	8.10
45141-T	4-10⅜ "	**9.39**	5.80	7.60	10.80
4522402-T	4-10⅜ "	**13.48**	5.80	7.60	10.80
55161-T	6-0¾ "	**11.02**	7.25	9.50	13.50
5523602-T	6-0¾ "	**15.11**	7.25	9.50	13.50
36161-T	3-8x10-3⅛	**9.39**	5.22	6.84	9.72
3623603-T	3-8 "	**13.88**	5.22	6.84	9.72
362614-T	3-8 "	**15.52**	5.22	6.84	9.72
46141-T	4-10⅜ "	**10.21**	6.96	9.12	12.96
4622403-T	4-10⅜ "	**14.71**	6.96	9.12	12.96
56161-T	6-0¾ "	**11.85**	8.70	11.40	16.20
5623603-T	6-0¾ "	**16.34**	8.70	11.40	16.20
562614-T	6-0¾ "	**17.56**	8.70	11.40	16.20
372614-T	3-8x11-11½	**16.34**	6.09	7.98	11.34
572614-T	6-0¾ "	**18.79**	10.15	13.30	18.90

Windows on this page can be furnished ***BONDERIZED*** (see middle of page 133) for **5%** extra.

Prices on Special Windows bearing UNDERWRITERS' LABEL quoted on request.
For **weight** of any Steel Sash listed above, see bottom of opposite page.

PORCH SHADES (SEE PAGE 68) ARE INEXPENSIVE AND MAKE IDEAL INTERIOR SHADES FOR INDUSTRIAL USE WITH STEEL FACTORY WINDOWS.

MULLIONS AND IMPOST BARS

For Either COMMERCIAL PROJECTED or HORIZONTALLY PIVOTED Steel Windows
Complete with Bolts. May be used with or without exterior COVERS which improve Appearance.

VERTICAL MULLIONS for joining 2 or more steel windows together in **WIDTH.**
PRICES ARE PER MULLION or PER COVER

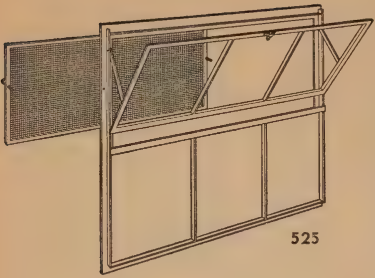
FOR SASH	12x18″ Glass(S) Mullions	12x18″ Glass(S) Covers	14x20″ Glass(T) Mullions	14x20″ Glass(T) Covers
2 Lts. high	$0.41	$0.41	$0.62	$0.62
3 " "	.62	.62	.81	.81
4 " "	.81	.81	1.02	1.02
5 " "	1.02	1.02	1.22	1.22
6 " "	1.22	1.22	1.43	1.43
7 " "	2.65	1.43	3.06	1.64

HORIZONTAL IMPOSTS for joining 2 or more steel windows together in **HEIGHT.**
PRICES ARE PER IMPOST or PER COVER

FOR OPEN'GS	12x18″ Glass(S) Imposts	12x18″ Glass(S) Covers	14x20″ Glass(T) Imposts	14x20″ Glass(T) Covers
5 Lts. wide	$2.86	$4.49	$3.27	$5.31
6 " "	3.27	5.31	4.08	6.13
7 " "	4.08	6.53	4.49	7.35
8 " "	4.49	7.35	5.31	8.17
9 " "	5.31	8.17	11.02	9.39
10 " "	10.21	8.99	11.84	10.62

STEEL UTILITY WINDOWS

Bonderized



525

Especially designed for garages and stores and for recreation rooms in basements where more light is wanted than an ordinary basement window admits. Can be placed entirely below grade if used with our Area Wall No. 137-D (see page 50). The ventilator swings in from the top on strong supporting arms and locks when closed.

Made the same as our Basement Windows with flanges to fit into masonry and continuous double contact weathering at all points.

Glass is not included but the necessary glazing clips come wired to each Window.

Screen is hollow metal, covered with 16 mesh bronze wire.

For Glass and Steel Sash Putty, see page 152.

Price per Window No. 525

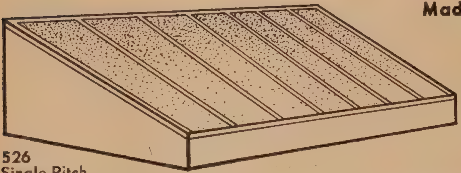
Glass Sizes	Masonry Opening	Window	Screen
10x16	2′-9⅛″x2′-10¾″	**$4.95**	**$1.79**
12x20	3′-3⅛″x3′- 6¾″	**5.65**	**1.79**

Average Weight per Window 44 lbs.

Steel Basement Windows are on page 51.

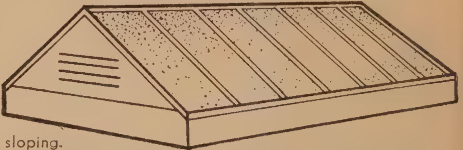
GALVANIZED IRON SKYLIGHTS

Made to order and well made



526
Single Pitch

Joints are sweated and soldered and are spot welded where necessary. Glass is bedded in putty above and below so that it does not come in contact with the metal.



Double Pitch
527-A Without Ends.
527-B With Plain Ends.
527-C With Stationary Louvres each End.
527-D With Movable Louvres each End.

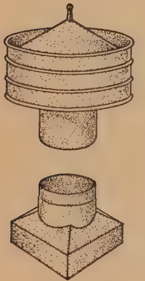
In ordering, state which side is to be sloping.

PRICES Per SKYLIGHT — Complete with 1/4″ Rough Wired Glass

Sizes	526 Single Pitch	527-A No Ends	527-B With Ends	527-C Stationary Louvres	527-D Movable Louvres
3′x 3′	**$6.75**	**$8.44**	**$9.06**	**$11.56**	**$12.81**
3,x 4′	**9.00**	**13.13**	**13.76**	**16.26**	**17.51**
3′x 6′	**13.50**	**16.88**	**17.50**	**20.00**	**21.25**
4′x 4′	**12.00**	**15.00**	**15.63**	**18.75**	**19.38**
6′x10′	**45.00**	**56.25**	**57.50**	**61.25**	**61.25**
8′x12′	**72.00**	**90.00**	**93.75**	**100.00**	**101.38**

(Average Weight 6 lbs. per sq. ft.)

GLOBE ROOF VENTILATORS



528

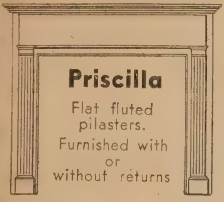
Made of 26 and 24 gauge galvanized iron, rivetted, spot welded and soldered. Top portion or Circular Ventilator proper consists of Cone and Storm Band which are bolted to heavy galvanized iron brackets on the inside and these in turn are rivetted to the Throat. Bottom portion consists of circular Sleeve (which slips inside Throat of top portion) and square Base with Flange. If Base is to rest on a pitched roof, sketch should accompany order showing pitch of roof and location of Ventilator (if at ridge) so that Flange can be made to suit. The Circular Ventilator can be used without the Base as a cap for any pipe going through the roof and is always so used in the 4″ and usually the 6″ size.

No.	Diameter of Throat	Diameter of Storm Band	Priced Separately Circular Ventilator	Priced Separately Square Base	Complete Ventilator with Base
528-A	4″		**$2.50**	**$1.81**	**$4.31**
528-B	6″	12″	**3.00**	**2.38**	**5.38**
528-C	8″	16″	**3.38**	**2.38**	**5.76**
528-D	10″	18″	**3.94**	**2.63**	**6.57**
528-E	12″	22″	**4.44**	**2.88**	**7.32**
528-F	14″	24″	**5.00**	**3.13**	**8.13**
528-G	16″	26″	**6.81**	**3.56**	**10.37**
528-H	18″	29″	**8.25**	**5.63**	**13.88**
528-J	20″	31″	**11.25**	**6.56**	**17.81**
528-K	22″	38″	**12.38**	**6.88**	**19.26**
528-L	24″	40″	**13.50**	**7.69**	**21.19**
528-M	30″	48″	**19.50**	**9.38**	**28.88**

Average weight of Ventilator with Base is 1½ lbs. per inch of Throat diameter.

TRUE COLONIAL MANTELS

Early American Period Designs



Priscilla

Flat fluted pilasters. Furnished with or without returns

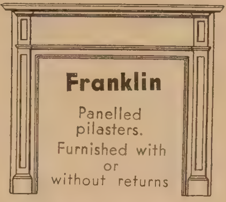
$995 And Up

Clear Ponderosa Pine

Prices Per Mantel

Carton Packed

No.	Shelf	Returns	Price
547	60"	None	$9.95
547-A	72"	"	11.05
547-R	60"	3½"	11.35
547-AR	72"	"	12.45
548	60"	None	9.55
548-A	72"	"	10.65
548-R	60"	3½"	10.95
548-AR	72"	"	12.00



Franklin

Panelled pilasters. Furnished with or without returns

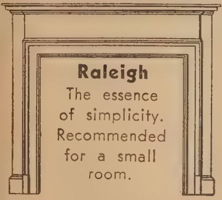
$955 And Up

Specifications

Priscilla	547	547-A	547-R	547-AR
Franklin	548	548-A	548-R	548-AR
Length of Shelf	60"	72"	60"	72"
Depth of Shelf	7¼"	7¼"	10¾"	10¾"
Width of Body	51"	63"	51"	63"
Height of Mantel	51"	51"	51"	51"
Width Inside	36"	48"	36"	48"
Height Inside	36½"	36½"	36½"	36½"
Width at Base	51"	63"	51"	63"
Projection from Wall	0"	0"	3½"	3½"
Weight, lbs.	38	44	46	52

RED GUM CABINET MANTELS

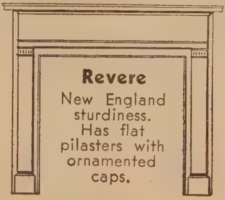
Send for our Complete Mantel Book showing Reproductions of the following and many more.



Raleigh

The essence of simplicity. Recommended for a small room.

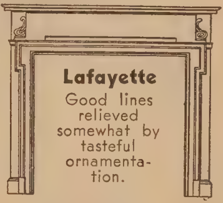
547-B



Revere

New England sturdiness. Has flat pilasters with ornamented caps.

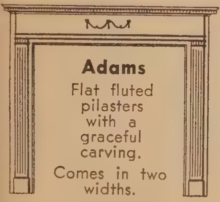
547-C



Lafayette

Good lines relieved somewhat by tasteful ornamentation.

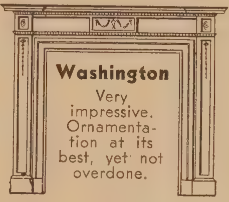
547-D



Adams

Flat fluted pilasters with a graceful carving. Comes in two widths.

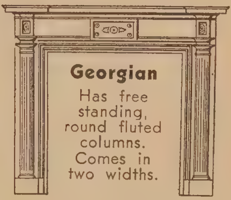
547-E 547-F



Washington

Very impressive. Ornamentation at its best, yet not overdone.

547-G



Georgian

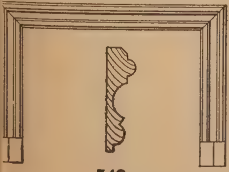
Has free standing, round fluted columns. Comes in two widths.

547-J 547-K

PECIFICATIONS	547-B	547-C	547-D	547-E	547-F	547-G	547-J	547-K
ength of Shelf	60"	60"	60"	60"	72"	72"	66"	72"
epth of Shelf	10"	10"	10"	10"	10"	10"	12½"	12½"
Vidth of Body	54"	54½"	54"	54"	65"	64"	59"	65"
eight of Mantel	51"	51"	51"	54"	54"	54"	54"	54"
Vidth Inside	41½"	41½"	41½"	41½"	53½"	47½"	41½"	47½"
eight Inside	38¾"	38¾"	38¾"	41¾"	41¾"	38¾"	38¾"	38¾"
Vidth at Base	55½"	54½"	55½"	54"	65"	65"	59"	65"
rojection from Wall	3½"	3¾"	3½"	3½"	3½"	3½"	3½"	3½"
PRICES PER MANTEL — Completely Set Up — Carefully crated — Ready to put in place.								
nfinished	$20.30	$20.30	$28.70	$24.50	$28.00	$50.40	$46.20	$48.30
rimed White	22.40	22.40	30.80	26.60	30.80	53.20	49.00	51.10
Ivory Enamel (tinted)	25.20	25.20	33.60	29.40	34.30	56.70	53.90	56.00
Mahogany or Walnut	26.60	26.60	35.00	30.80	35.70	58.80	56.00	58.10

Velvet Duco Finish Weights of above Mantels vary from 85 to 150 pounds.

Wall Returns (up to 3½") are wanted, specify size and add $1.35



549

OLD ENGLISH MANTEL

The Cotswold

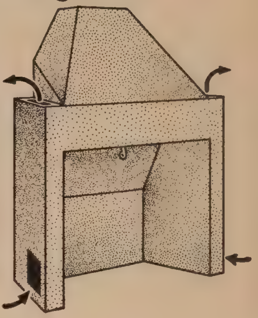
Will fit any ordinary brick opening as the horizontal member is furnished 7' long and the vertical members are 4' long including plynth blocks. Not mitred. No shelf or returns.

No. **549** Clear Ponderosa Pine, carton packed. Size of members 1¾ x 6½". Weight 30 lbs.

$890 each

CIRCULATOR FIREPLACES

Make the Fireplace a Heating Plant



Come completely set up in 1 unit ready to put in place. Correctly designed to prevent smoking and save fuel. Warm air can be circulated to other parts of the house. Can be used with any type or style of mantel. Note that Damper is included.

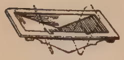
Firebox is constructed of heavy 3/16″ steel and the smoke shelf of ¼″ steel plate. These are entirely enclosed by an outer casing of 16 gauge steel to form a heat chamber. Openings at the bottom on each side admit cold air and when heated, this passes out through openings in the top. These may be covered by grilles or heating ducts may be installed to lead the hot air to other rooms. The unit is electrically welded and will withstand intense heat. Complete installation instructions included with each shipment.

PRICES per FIREPLACE

No.	Front Opening Wide x High		Depth before Fire Brick are Installed	Flue Required	Heating Capacity	Weight	Price
549-A	28″	26″	15″	8½x13″	3200 cu. ft.	250 lbs.	**$19.80**
549-B	34″	28″	16″	8½x13″	3800 “	270 “	**23.30**
549-C	40″	30″	17″	13x13″	4500 “	310 “	**29.60**

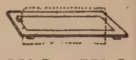
Add for Antique Bronze Finish Grilles	**Cast Iron**	**Steel**
4 Grilles 8x8″ for No. **549-A** or **549-B** per set	**$4.25**	**$6.00**
4 “ 8x10″ “ “ **549-C** per set	**4.55**	**6.40**

ASH DUMPS



550-A
2-Door, Automatic

No.	Hearth Opening	Style	Weight	Price
550-A	5x7″	2-Door—Automatic	2 lbs.	$0.77
550-B	5x8″	1 “ Regular	2 “	.68
550-C	7x10″	1 “ “	6 “	.98



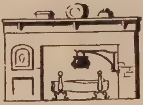
550-B 550-C
1-Door, Regular

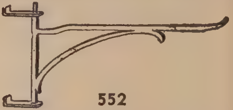
ASH-PIT CLEAN-OUT DOORS

551

No.	Sizes	Weight	Prices
551-A	8x6″	4 lbs.	**$0.93**
551-B	9x7″	6 “	**1.10**
551-C	8x8″	6 “	**1.10**
551-D	10x8″	7 “	**1.23**
551-E	12x10″	11 “	**1.74**

JOHN ALDEN FIREPLACE CRANE





552

Made of steel and pivoted on anchoring bars built into chimney. Solid and substantial.

No.	Fireplace Opening	Weight	Price
552-A	24 to 32″	10 lbs.	**$3.15**
552-B	33 to 44″	12 “	**3.50**
552-C	45 to 54″	14 “	**3.84**

CAST IRON FIREPLACE DAMPERS

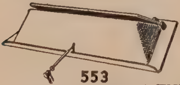
Your Fireplace is Only As Good As Your Damper

No. 553—THROAT TYPE (Rotary Control) operated by brass knob handle, at center in front of fireplace (as shown below).

No. 554—THROAT TYPE (Poker Control). Same as No. **553**, except with concealed operating mechanism—easily adjusted by using hook end of any ordinary poker.

No. 554-X—THROAT TYPE (Chain Control). This is a dome damper pivoted at center horizontally. It is opened and closed by pulling on one of two chains, which hang at left hand side. A very popular type.

No. 555—FLAT RATCHET TYPE (Poker Control). Has sliding shutter for additional draft.



553

PRICES PER DAMPER

No. 553 — THROAT TYPE
(Rotary Control)

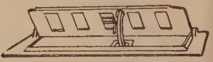
Front	Weight	Price
24″	28 lbs.	$4.20
30″	32 “	4.83
33″	35 “	5.25
36″	38 “	5.67
42″	44 “	6.44
48″	50 “	7.28
54″	95 “	12.60

No. 554—THROAT TYPE
(Poker Control)

Front	Weight	Price
30″	32 lbs.	$4.13
33″	35 “	4.55
36″	38 “	4.97

No. 554-X—THROAT TYPE
(Chain Control)

Front	Weight	Price
30″	32 lbs.	$4.83
36″	38 “	5.67



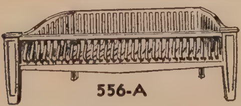
555

No. 555
FLAT RATCHET TYPE
(Poker Control)

Front	Weight	Price
24″	13 lbs.	$2.31
26″	14 “	2.52
28″	16 “	2.73
30″	17 “	2.94
32″	19 “	3.36
36″	20 “	3.92

FIREPLACE BASKETS

Back Legs on rollers facilitate moving. Basket narrows toward the rear at just the right angle to fit a properly splayed hearth. Height at back 12″, at the front 10″. Clearance for Andirons under front 5″. Ends are removable. Completely assembled and crated. **PRICES PER BASKET**



556-A

No.	Front	Depth	Back	Weight	Price
556-A	24″	15″	12½″	42 lbs.	**$5.46**
556-B	28″	15″	16½″	46 “	**6.09**
556-C	30″	15″	18½″	50 “	**6.44**
556-D	34″	15″	22½″	58 “	**7.56**
556-E	40″	15″	28½″	70 “	**10.29**

Shipments of less than 50 lbs. are made by Express unless Parcel Postage is included in remittance.

BUILDERS' HARDWARE

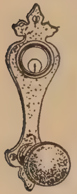
Distinctive Designs at Moderate Prices

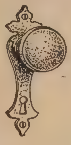
FINISHES

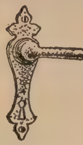
DB—Dull Brass **PB**—Polished Brass **SB**—Sanded Brass **RI**—Relieved Iron **BL**—Dull Black
OC—Old Copper **NP**—Nickel Plated **DN**—Dull Nickel **PC**—Polished Chrome **DC**—Dull Chrome

NOTE—In ordering small quantities of Hardware, please add **20c** for Parcel Post expense.

IMITATION HAMMERED IRON DOOR SETS


563


563-G


563-H

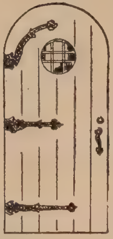
VERY UNUSUAL AND ATTRACTIVE

No.	**RI Finish**	
563—	Cylinder Front Door Set	$9.80
563-G	Inside Door Set	2.47
563-H	French Door Set	4.00

$2.47 UP

Use **BL** Finish Butts and Trimming Hardware with above.

OLD ENGLISH HINGE PLATES

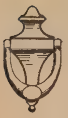


Imitation Hammered Iron; **RI** Finish
Use with **BL** Finish hardware only

No.	**Kind**	**Price**
563-J	18″ Straight	$2.80
563-K	24″ "	3.27
563-L	24″ Curved* (18″ Radius)	4.00

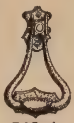
*Left hand (as shown) always shipped unless right hand is specified. **Not Reversible.**

DOOR KNOCKERS


569

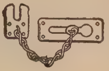
3¾x6⅝″
SOLID BRASS
No. **569**

PB Finish	$3.33
DB "	3.33
SB "	3.67


569-A

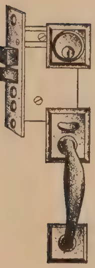
Imitation Hammered Iron
No. **569-A** **RI** Finish $3.13

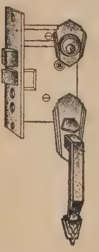
CHAIN DOOR GUARDS

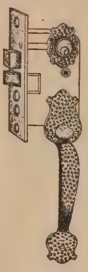


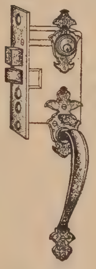
No. **564**
DB, OC, SB or **BL** Finish......**19c**

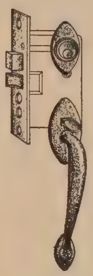
SECTIONAL CYLINDER FRONT DOOR SETS

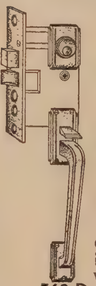

565

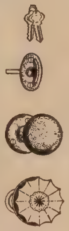

567


568-A


568-B


568-C


568-D


Glass Knobs inside only when specified

SOLID BRASS—Each set has 5-Pin Tumblers and comes complete with 2 German Silver Keys.

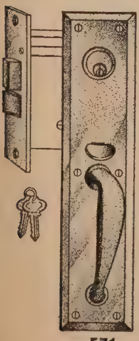
		FINISHES					
		DB	OC	SB	DN	RI	PB
565—	Colonial Design, Heavy Grip Front	$10.00	$10.00	$10.33			
567—	Modernistic Design, Metal Knob Inside	10.67			$11.33		
568-A	Imitation Hammered Iron					$10.33	
568-B	Wenlock Design (Colonial)						$10.67
568-C	Raleigh Design (Colonial)						11.73
568-D	Newberne Design (Moderne)	10.67					

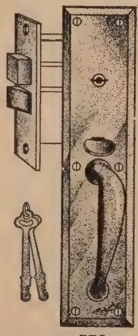
Interior Knobs are furnished to match the other interior hardware ordered.
Two or more locks keyed alike, add **40c** per lock. Extra keys **25c** each.

KICK PLATES

No. 570
Holes drilled and oval head screws included.

SOLID BRASS	Finishes		
Sizes	**DB or PB**	**SB**	**DC or PC**
8x26″	$1.76	$2.35	$3.52
30″	2.05	2.73	4.11
36″	2.43	3.24	4.85
42″	2.79	3.72	5.57
10x26″	2.28	3.04	4.56
30″	2.64	3.52	5.28
36″	3.16	4.21	6.32
42″	3.67	4.89	7.33


571


572

STORE DOOR LOCK SETS

No. **571—SOLID BRASS**

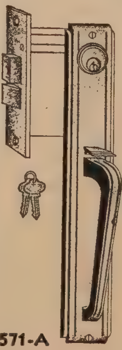
Sectional Handle—Cylinder Lock
2 German Silver Keys—Plates 14½″

DB or **OC** Finish	$10.67
SB Finish	11.20
DC "	13.06

No. **571-A**—Newberne Design
Solid Brass Handle—Cylinder Lock
2 German Silver Keys—14½″ Plates

DB Finish	$11.73
PC "	14.00
DC "	14.00

No. **572**—Same as No. **571** except Steel-Plated (Not Brass) and with Flat Key Lock. 2 Flat Steel Keys.
DB or **OC** Finish.........$4.67


571-A

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

BUILDERS' HARDWARE

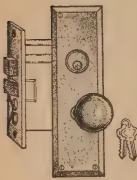
Distinctive Designs at Moderate Prices

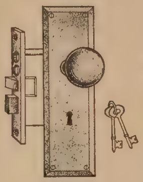
FINISHES

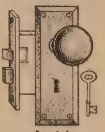
DB—Dull Brass **PB**—Polished Brass **SB**—Sanded Brass **RI**—Relieved Iron **BL**—Dull Black
OC—Old Copper **NP**—Nickel Plated **DN**—Dull Nickel **PC**—Polished Chrome **DC**—Dull Chrome

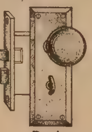
NOTE — In ordering small quantities of Hardware, please add **20c** for Parcel Post expense.

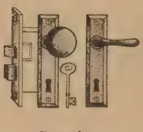
ATWOOD DESIGN LOCK SETS


Cylinder


Bit Key


Inside


Bath


French

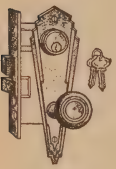
As Low As 70c Per Set

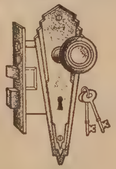
No.	SOLID BRASS	—Finishes—	
		DB, OC	SB
573—	Cylinder Front Door Set	$8.73	$9.00
574—	Bit Key Front Door Set	5.93	6.13
575—	Inside Door Set	2.20	2.40
576—	Bath Door Set	3.40	3.53
576-X	French Door Set	2.67	2.87

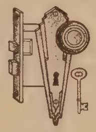
No.	STEEL PLATED	—Finishes—	
		DB, OC	SB
577—	Bit Key Front Door Set	$2.91	$3.00
578—	Inside Door Set	.70	.95
578-N	Bath Door Set	2.53	2.67
578-X	French Door Set	1.53	1.60

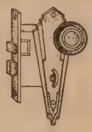
All Bath Door Sets are **NP** on Solid Brass Inside

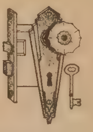
MODERNISTIC DESIGN LOCK SETS


Cylinder


Bit Key


Inside


Bath


Glass Knob

As Low As $1.11 Per Set

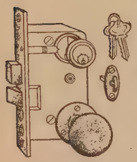
No.	SOLID BRASS	—Finishes—	
		DB	DN
579—	Cylinder Front Door Set	$9.26	$9.46
580—	" Glass Knob Inside	9.26	9.46
581—	Bit Key Front Door Set	6.27	6.40
582—	" " Glass Knob	6.27	6.40
583—	Inside Door Set	2.33	2.53
583-X	" Glass Knobs	2.40	2.60
584—	Bath Door Set	3.60	3.73
585—	" " Glass Knobs	3.67	3.80

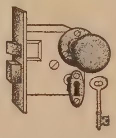
No.	STEEL PLATED	—Finishes—	
		DB	DN
586—	Bit Key Front Door Set	$3.27	$3.40
586-M	" " Glass Knob Inside	3.60	3.67
586-N	French Door Set	1.73	1.80
586-P	" Glass Knob	2.07	2.13
587—	Inside Door Set	1.11	1.20
587-M	" Glass Knobs	1.47	1.53
587-N	Bath Door Set	3.00	3.07
587-P	" " Glass Knobs	3.20	3.27

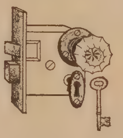
All Bath Door Sets are Nickel Plated on Solid Brass Inside.

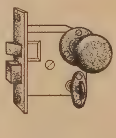
COLONIAL DESIGN LOCK SETS

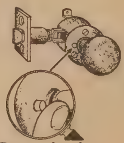
With Keys or Button Locks


Cylinder


Inside


Closet Glass Knob


Bath


Button Lock

As Low As $1.40 Per Set

No.	SOLID BRASS	Finishes			
		DB	PB	NP	PC
589—	Cylinder Front Door Set		$9.13		
589-A	Inside Door Set		2.67	$2.87	$3.80
589-B	" Glass Knobs		2.23	2.40	3.33
589-C	Closet Door Set		2.20	2.37	3.31
589-D	" Glass Knobs		1.97	2.13	3.07
589-E	Bath Door Set			3.27	3.87
589-F	" " Glass Knobs			2.73	3.33
589-G	Inside Door Set — **Button Lock** (Keyless)	$2.43	2.43	2.61	3.07
589-H	" Glass Knobs " " "	2.29	2.29	2.47	2.93
589-K	Closet Door Set — to match above (No Lock)	2.07	2.07	2.27	2.73
589-L	" " Glass Knobs " " " "	1.93	1.93	2.13	2.60
589-M	Bath Door Set—**Button Lock** (Keyless)			2.53	2.80
589-N	" " Glass Knobs			2.40	2.67
	STEEL PLATED	**DB or BL**	**PB**	**NP**	**PC**
590—	Inside Door Set		$1.93	$2.13	$2.87
590-A	" Glass Knobs		1.77	1.93	2.67
590-B	Closet Door Set		1.80	2.00	2.73
590-C	" Glass Knobs		1.73	1.93	2.67
590-D	Bath Door Set			2.60	3.00
590-E	" Glass Knobs			2.80	3.27
590-F	Inside Door Set — **Button Lock** (Keyless)	$1.80			
590-G	" Glass Knobs " " "	1.87			
590-H	Closet Door Set to match above (No Lock)	1.40		1.47	
590-K	" Glass Knobs " " " "	1.60		1.67	
590-L	Bath Door Set—**Button Lock** (Keyless)			2.33	2.67

All Bath Door Sets are furnished with outside to match balance of hardware ordered.
Cylinder Door Sets have **2″** Knobs—all others have **1¾″** Knobs.
2″ Knobs throughout can be furnished in Solid Brass only at same price when so specified.

BUILDERS' HARDWARE

Distinctive Designs at Moderate Prices

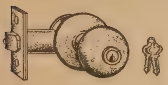
FINISHES

DB—Dull Brass PB—Polished Brass SB—Sanded Brass RI—Relieved Iron BL—Dull Black
OC—Old Copper NP—Nickel Plated DN—Dull Nickel PC—Polished Chrome DC—Dull Chrome

NOTE—In ordering small quantities of Hardware, please add **20c** for Parcel Post expense.

CYLINDER FRONT DOOR LOCK SETS

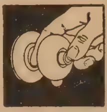
Tubular Button Type



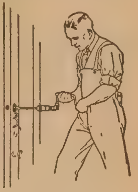
Just bore two holes and insert the Lock.

No.	SOLID BRASS	—Finishes— DB or PB
591-P	Pin Tumbler Set	$8.27
591-W	Wafer Tumbler Set	5.67

Also available in Solid Bronze, Dull Finish at same prices as above. See bottom of preceding page and below for **Button Lock** Inside Door Sets.

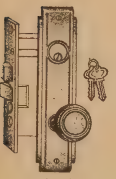


Press button to lock from the inside. Turn knob to unlock.

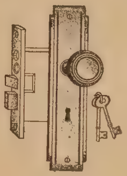


NEWBERNE DESIGN LOCK SETS

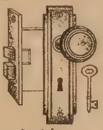
With Keys or Button Locks



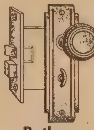
Cylinder



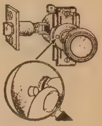
Bit Key



Inside



Bath

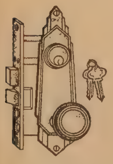


Button Lock

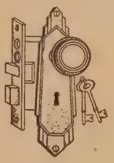
As LOW As $1.11 Per Set

No.	SOLID BRASS	Finishes DB	NP	PC
592—	Cylinder Front Door Set	$9.27		
592-X	“ “ “ “ with Glass Knob Inside	9.27		
592-A	Bit Key Front Door Set	6.27		
592-B	Inside Door Set	2.33	$2.53	$3.47
592-C	“ Glass Knobs	2.40	2.60	3.53
592-D	Bath Door Set	3.60		4.27
592-E	“ Glass Knobs	3.67		4.33
592-F	Inside Door Set — **Button Lock** (Keyless)	2.43	2.61	3.07
592-G	“ Glass Knobs “ “ “	2.29	2.47	2.93
592-H	Closet Door Set to match above (No Lock)	2.07	2.27	2.73
592-K	“ Glass Knobs “ “ “ “	1.93	2.13	2.60
592-L	Bath Door Set — **Button Lock** (Keyless)		2.53	2.80
592-M	“ Glass Knobs “ “ “		2.40	2.67
	STEEL PLATED			
593—	Bit Key Front Door Set	3.27		
593-X	“ “ “ “ “ Glass Knob Inside	3.60		
593-A	Inside Door Set	1.11		
593-B	“ Glass Knobs	1.47		
593-C	Bath Door Set	3.00		3.53
593-D	“ Glass Knobs	3.20		3.80
593-E	Inside Door Set — **Button Lock** (Keyless)	1.80		
593-F	“ Glass Knobs “ “ “	1.87		
593-G	Closet Door Set to match above (No Lock)	1.40	1.47	
593-H	“ Glass Knobs “ “ “ “	1.60	1.67	

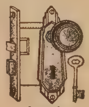
EGYPTIAN DESIGN LOCK SETS



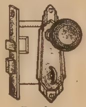
Cylinder



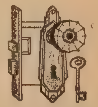
Bit Key



Inside



Bath



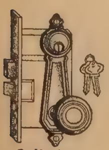
Glass Knob

As LOW As $1.11 Per Set

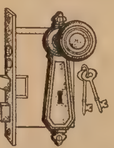
No.	SOLID BRASS	—Finishes— DB	DN
604	Cylinder Front Door Set	$9.27	$9.47
605	“ Glass Knob Inside	9.27	9.47
606	Bit Key Front Door Set	6.27	6.40
607	“ “ Glass Knob Inside	6.27	6.40
608	Inside Door Set	2.33	2.53
609	“ Glass Knobs	2.40	2.60
610	Bath Door Set	3.60	3.73
611	“ Glass Knobs	3.67	3.80

No.	STEEL PLATED	—Finishes— DB	DN
612 —	Bit Key Front Door Set	$3.27	$3.40
612-A	“ “ Glass Knob Inside	3.60	3.67
613 —	Inside Door Set	1.11	1.20
614 —	“ Glass Knobs	1.47	1.53
615 —	French Door Set	1.73	1.80
615-M	“ Glass Knob	2.07	2.13
615-N	Bath Door Set	3.00	3.07
615-P	“ Glass Knobs	3.20	3.27

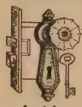
HILLROSE DESIGN LOCK SETS



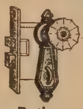
Cylinder



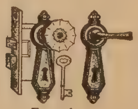
Bit Key



Inside



Bath



French

As LOW As $1.53 Per Set

No.	SOLID BRASS	SB Finish
616 —	Cylinder Front Door Set	$9.47
616-K	Bit Key Front Door Set	6.40
616-M	Inside Door Set	2.60
616-N	Bath Door Set	3.80

No.	STEEL PLATED	SB Finish
617 —	Bit Key Front Door Set	$3.67
617-K	French Door Set	2.13
617-M	Inside Door Set	1.53
617-N	Bath Door Set	3.27

Front Door Sets Nos. **616** and **617** have metal knobs outside. All other knobs are glass.
All Bath Door Sets are Nickel Plated on Solid Brass inside.

BUILDERS' HARDWARE

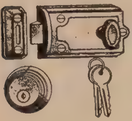
Distinctive Designs at Moderate Prices

FINISHES

DB—Dull Brass **PB**—Polished Brass **SB**—Sanded Brass **PI**—Painted Ivory **RI**—Relieved Iron
BL—Dull Black **OC**—Old Copper **NP**—Nickel Plated **DN**—Dull Nickel **PC**—Polished Chrome
DC—Dull Chrome

NOTE—In ordering small quantities of Hardware, please add **20c** for Parcel Post Expense.

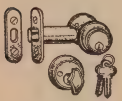
RIM NIGHT LATCHES



Krinkle Finish

Operate from outside by key and from inside by turn piece.
No. **618**—5 Disc Tumbler Cylinder, 2 Keys, each....**$1.11**
No. **618-A**—5 Pin Tumbler Cylinder, 2 Keys, each.... **1.93**

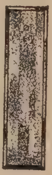
TUBULAR DEAD LOCKS



No. **618-B**—Operate from outside by key and from inside by turn piece. 2 Keys, 5 Pin Tumbler Cylinder, Brass **DB** or **PB** finish, each.................. **3.00**

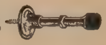
DOOR HARDWARE

PUSH PLATES



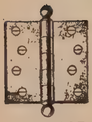
Size 3x12"
No. **619**—Beveled Plate Glass, **27c**
Size 3x12", each..........

DOOR BUMPERS



Metal—Rubber Tipped No. **621**
BL, SB, NP, or **DN**
DB or **OC** Finish, each.......**7c**

REGULAR BALL TIPPED BUTTS (or HINGES)



622-625

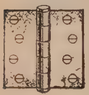
Prices Per Pair

Use 1½ Pairs for a 1¾" Door.

No.	DB, OC or BL	PI	PB	SB	NP DN	DC PC	Galv.
622—2½x2½" for ⅞" Doors	31c	33c	40c	45c	51c	97c	
623—3 x3" " 1⅛" "	31c	35c	42c	47c	51c	99c	65c
624—3½x3½" " 1⅜" "	29c	36c	43c	48c	51c	$1.00	84c
625—4 x4" " 1¾" "	39c	45c	53c	57c	63c	1.07	$1.15

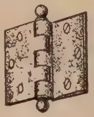
Galvanized Butts have Solid Brass Pins and are recommended for Exterior Doors.

PRIME COAT BUTTS



PI (Painted Ivory)
Save Painter's time when Door **and** Trim are to be painted.
See **PI** prices above.

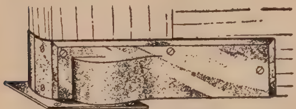
HALF SURFACE BALL TIPPED BUTTS



Use 1½ Pairs for a 1¾" Door.

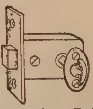
Prices Per Pair

No.	DB or OC	SB	NP
626—2½x2½" for ⅞" Doors	45c	60c	
627—3 x3" " 1⅛" "	50c	64c	72c
628—3½x3½" " 1⅜" "	51c	67c	77c
629—4 x4" " 1¾" "	73c	89c	92c



DOUBLE ACTING HINGES

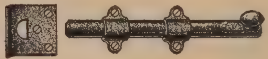
FOR KITCHEN OR PANTRY DOORS
Adjustable for Doors 1⅛" to 1¾" Thick
No. **630**
BL, DB or **OC** Finish, each......**$1.00**
SB, NP or **DN** Finish, each...... **1.12**
DC or **PC** Finsh, each.......... **4.40**



MORTISE DOOR BOLTS

No. **631**
Cast Bronze Bolt, Front and Turn Piece
Positive, visible locks operate by turn piece from one side only.

Finish	Each
DB, OC or **BL**	**$1.67**
SB, NP or **DN**	**1.87**

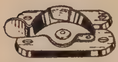


SURFACE BOLTS

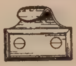
Prices Per Bolt

No.	Size	DB, OC	BL, SB, NP, DN
632—	½x4"	31c	33c
632-X	½x6"	36c	40c
632-Y	½x9"	40c	43c
632-Z	½x12"	49c	53c

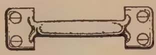
WINDOW HARDWARE



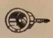
637



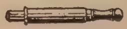
638



639



640



641

SOLID BRASS

No.	DB OC	SB, NP DN	DC PC	BL PB
637-A Sash Locks...each	73c	80c	$1.07	73c
638-A Hook Sash Lifts "	12c	13c	17c	12c
639-A Bar Sash Lifts "	40c	47c	53c	40c

STEEL PLATED

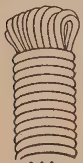
No.	DB OC	SB, NP or DN	BL PB
637—Sash Locks ..each	7c	9c	11c
638—Hook Sash Lifts "	3c	4c	3c
639—Bar Sash Lifts "	6c	8c	6c

SASH STOP WASHERS AND SCREWS

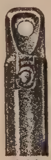
No. **640**—Prices Per Dozen
DB or **OC** Finish....**14c** **SB, NP** or **DN** Finish.....**16c**

WINDOW SPRING BOLTS

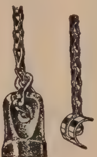
Plain Steel, Coppered Finish
No. **641** Per Dozen..........**47c**



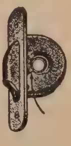
644



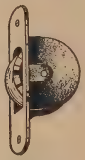
646



645



647



648

COTTON BRAIDED SASH CORD

in 100 ft. hanks—prices per 100 ft.

No.		Price
644—	Crown No. 7	**$0.67**
644-A	" No. 8	**.80**
644-B	Ideal No. 7	**.93**
644-C	" No. 8	**1.09**
644-D	Sampson Spot No. 7	**1.63**
644-E	" " No. 8	**2.00**

SHERARDIZED SASH CHAIN

Runs freely through all pulleys.
In bags of 100 ft. with fixtures (will hang 7 ordinary windows.)
No. **645**—per bag...........**$1.87**

IRON SASH WEIGHTS

See table of sizes required on page 56.
646—Sizes every half pound from 2½ to 12 lbs. 1½" Diameter—Price per 100 lbs..........**$2.40**
646-A Half pound washers " " "........... **5.00**

SASH PULLEYS

647—Dillon Jam-Proof 1x4½" face, 2" wheel. Enclosed wrought steel case. Galvanized or Lacquered. Price per Dozen...............**.87c**
648—Roller Bearing Pulleys 1⅛x5½" face, 2¼" wheel. Cast iron case. Polished and Lacquered face. Price per Dozen..........**$3.47**

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

BUILDERS' HARDWARE

Distinctive Designs at Moderate Prices

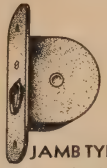
FINISHES

DB—Dull Brass PB—Polished Brass SB—Sanded Brass RI—Relieved Iron BL—Dull Black
OC—Old Copper NP—Nickel Plated DN—Dull Nickel PC—Polished Chrome DC—Dull Chrome

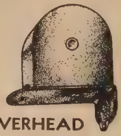
NOTE — In ordering small quantities of Hardware, please add **20c** for Parcel Post expense.

IMPROVED SASH BALANCES

Replace Sash Weights and Cord. Steel case and face. Alloy steel spring and alloy bronze tape. **JAMB TYPE** fit in side jambs or pulley stiles. **OVERHEAD TYPE** fit in head jambs. Jamb or Overhead Type same price.


JAMB TYPE

Always shipped unless otherwise specified.


OVERHEAD

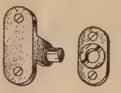
PRICES PER SET OF 4 BALANCES

No.	Face Plate	Mortise	For Sash Weighing	Tape Length	Price
648-A	7/8"x5 5/8"	3"x3"x15/16"	4 to 6 lbs.	42"	$1.85
648-B	"	"	6 to 8 "	"	1.85
648-C	"	"	8 to 10 "	"	2.00
648-D	"	"	10 to 12 "	"	2.00
648-E	"	"	12 to 14 "	"	2.00
648-F	"	"	14 to 16 "	"	2.00
648-G	"	"	16 to 18 "	"	2.20
648-H	"	"	18 to 20 "	"	2.20
648-K	"	"	20 to 23 "	"	2.30
648-L	"	"	23 to 26 "	"	2.30
648-M	1 1/8"x6"	3 3/8"x3 3/8"x1"	26 to 29 "	48"	3.10
648-N	"	"	29 to 32 "	"	3.50
648-P	"	"	32 to 35 "	"	3.75

Above prices include necessary screws and tape hooks for Sash.
Be sure to specify when Overhead Type is wanted — otherwise Jamb Type always shipped.
Write for quotation on **"UNIQUE" SASH BALANCES** giving list of window sizes.

TRANSOM HARDWARE

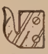
No.	Description	Price
650-A	Top Hung Transom Lifts 1/4"x 3 feet, **DB** or **OC Finish. Each**	$0.96
650-B	" " " " " 4 " " " "	1.03
650-C	Bottom Hung " " " 3 " " " "	1.29
650-D	" " " " " 4 " " " "	1.43
650-E	Transom Catches, **DB** or **OC** Finish. Each	.29
650-F	" Chains, " " "	.21
650-G	Pivot Centers for 1 3/8" Sash or Transoms, Cast Iron, Coppered, per set (for 1 Sash)	.15
650-H	" " " 1 3/4" " " " " " " " " " 1 "	.20

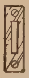

650-G
650-H

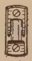
CASEMENT SASH FASTENERS

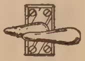
No.	Finishes DB OC	 SB,NP, DNorBL	 DC PC	 PB
651 — Steel Plated	**21**c	**23**c		**21**c
651-A Solid Brass	**92**c	**$1.00**	**$1.12**	**92**c

Always specify when MORTISE or SURFACE STRIKE is wanted, otherwise RIM STRIKE is shipped.


Rim Strike

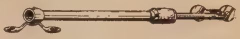

Mortise Strike


Surface Strike


651

FRICTION ADJUSTERS

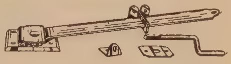
Work automatically and are easy to keep in adjustment. Can be used on Casements which swing either **IN** or **OUT** and may be placed at the head or sill. 12" long when closed, 18" long when extended.


652

No. **652** — Galvanized Steel with Brass Plunger, each ... $1.67
No. **652-A** Solid Brass throughout, Dull Finish, each ... 1.93

UNDERSCREEN OPERATORS

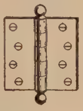
Adjust and operate out-swinging casement sash **THRU** the stool and **UNDER** the screen, making it unnecessary to open the screen and interfere with draperies to adjust the sash. Reversible—right or left hand—and made for any width of stool, but unless otherwise specified, they are shipped for stools 5" or less in width. Full installation instructions included in each package. Galvanized steel with Dull Brass Handle or Crank. Must be used with **hinges** —cannot be used with Whitco Sash Hangers.


653

No. **653** per complete operator (for **1** sash) ... **$1.93**

GALVANIZED BUTTS or HINGES

For Out-Swinging Casement Sash. Have **SOLID BRASS** Ball Tip Pins.



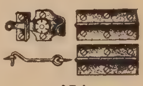
Prices per Pair

No.	For	Price
653-A	1 1/8" Sash	**$0.65**
653-B	1 3/8" "	**.84**
653-C	1 3/4" "	**1.15**

CELLAR WINDOW SETS

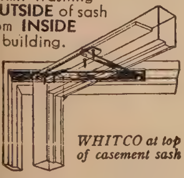
Japanned

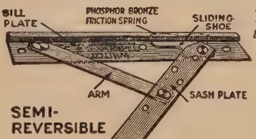
No. **654**, per set ... **25c** (Included with complete cellar sash sets No. **S-134** and No. **S-135** on page 50).


654

WHITCO SASH HANGERS

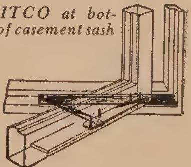
Permit washing **OUTSIDE** of sash from **INSIDE** of building.


WHITCO at top of casement sash



SEMI-REVERSIBLE

WHITCO at bottom of casement sash



WHITCO is a simple, self-contained unit that takes the place of both Hinges and Adjusters for swinging and controlling Sash, either Singly, in Pairs, or in Multiples, and in wide openings **without mullions.** The only fitting needed is to make a small housing at the top and bottom or on each side, as the case may be; otherwise a screwdriver is the only tool needed. **WHITCO** makes such effective use of the principles of leverage and friction that the Sash is held firmly in any desired position at all times. **WHITCO** swings either IN or OUT—LEFT or RIGHT as desired. Full installation instructions included in each package. **WHITCO** comes in complete Sets (sufficient to hang one Sash) with screws and in two finishes: Sherardized (Rust-proof) or Solid Brass. Both have brass operating parts.

PRICES PER SET—FOR ONE SASH

No.	Size	Sash Opg. Not Over	Sherardized	Brass
656	8"	24" wide	$0.97	$1.73
656-A	10"	30" "	1.05	1.93
656-B	12"	36" "	1.17	2.04

97c UP
per set for 1 sash

BUILDERS' HARDWARE

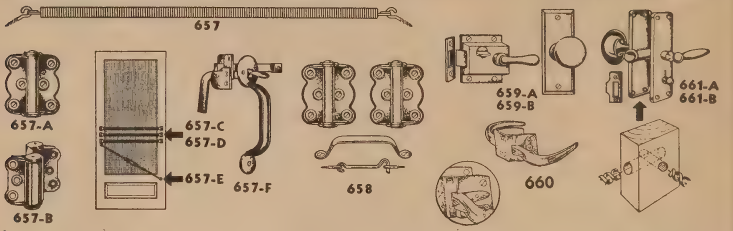
Distinctive Designs at Moderate Prices

FINISHES

DB—Dull Brass **PB**—Polished Brass **SB**—Sanded Brass **RI**—Relieved Iron **BL**—Dull Black **OC**—Old Copper **NP**—Nickel Plated **DN**—Dull Nickel **PC**—Polished Chrome **DC**—Dull Chrome

NOTE—In ordering small quantities of Hardware, please add **20c** for Parcel Post expense.

SCREEN AND STORM DOOR HARDWARE

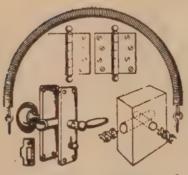


No.		Japanned
657—	Coil Springs, ½x16″, each	**7c**
657-A	Self Closing Spring Hinges, pair	**13c**
657-B	Double Acting Screen Door Hinges, per pair	**77c**
657-C	Screen Door Guards, 3 channel bars, for 2′6″ and 2′8″ Doors, set	**48c**
657-D	Same for 2′10″ and 3′0″ Doors, set	**49c**
657-E	Anti-Sag Turn Buckles, 42″ long, ea.	**11c**
657-F	Thumb Latch set, each	**31c**
658—	Complete Screen Door Set, consisting of 1 pair Surface Butts, 1 Pull, 1 Hook and Eye, per set	**25c**

No.		— Finishes —	
		DBorOC	**SB**
657-A	Self Closing Spring Hinges, per pair	**$0.23**	
659-A	Rim Latch, Steel, plated	**.71**	**$0.77**
659-B	" " solid Brass	**1.53**	**1.73**
		DB	**PB**
660 —	Handle Latch Set	**$1.12**	**$1.12**
	To open { **PULL** from the outside. **PUSH** from the inside.		
		DB or OC	
661-A	E-Z Mortise Latch, Steel, plated	**$0.73**	
661-B	E-Z Mortise Latch, Solid Brass	**$1.03**	

(Just bore 2 holes and *slip in* the E-Z Latch)

COMBINATION DOOR SETS
with HINGES, COIL SPRING and E-Z MORTISE LATCH



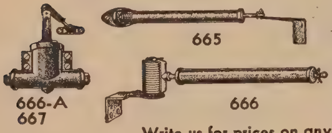
"Just bore 2 Holes and slip in the E-Z Latch"

No. **662.** Consists of 1 pair 3x3 Ball Tip Butts and 1 E-Z Mortise Latch both in Steel, Dull Brass finish, and 1 16″ coil Spring Japanned. Price per set **$1.11**

No. **663.** Consists of 1 pair 3x3 Ball Tip Butts, Galvanized, with Solid Brass Pins, 1 E-Z Mortise Latch Set in Solid Brass and 1 16″ Coil Spring, Japanned. Price per set **$1.75**

SILENT DOOR CLOSERS

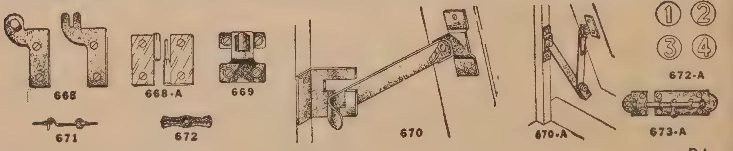
All Reversible for Right or Left Hand Swing—All Adjustable—Gold Bronzed



No.		Prices
665—	Air check for light Screen Doors	$1.00
666—	Air check for Combination Doors	1.60
666-A	Liquid check for Combination Doors	4.47
667—	Liquid check for ordinary Outside Doors	13.33

Write us for prices on any size of Norton or Yale Door Closers

SCREEN AND STORM SASH HARDWARE



No.		Prices
668—	E-Z Hangers, for Half or Full Length Screens and Storm Sash. Galvanized, per set (for 1 screen)	**11c**
668-A	Side Hinge Hangers, for Half or Full Length Screens and Storm Sash. 1½″ Hook and Eye included. Right Hand shipped unless Left Hand specified. **Not Reversible.** Cadmium plated, per set (for 1 screen)	**25c**
669—	Overhead Hangers for Full Length Screens or Storm Sash only. Per set (for 1 screen) Galvanized	**7c**
	" " " " " Japanned	**6c**

Adjustable Holders, for Full Length Screens or Storm Sash.

Extend them for ventilation or cleaning and lock them when closed.

670 —	Sliding Bar Type can be opened to 1 position only. Galvanized, per pair	**24c**
670-A	Elbow Type can be opened to any position. Cold rolled steel	**51c**
671—	Hooks and Eyes, 1″, Plain Steel, per dozen	**12c**
672—	Turn Buttons for Screens or Storm Sash, 1½″, Japanned, per dozen	**11c**
672-A	Numerals for Screens and Storm Sash, Brass Heads, Embossed, Nos. **1** to **25**, per set	**5c**
672-B	Same as above except Nos. **26** to **50**, per set	**5c**
673-A	Barrel Bolts, 4″, Japanned, each	**15c**

MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

BUILDERS' HARDWARE

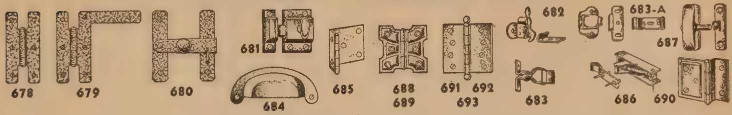
Distinctive Designs at Moderate Prices

FINISHES

DB—Dull Brass **PB**—Polished Brass **SB**—Sanded Brass **PI**—Painted Ivory **RI**—Relieved Iron
BL—Dull Black **OC**—Old Copper **NP**—Nickel Plated **DN**—Dull Nickel **PC**—Polished Chrome
DC—Dull Chrome

NOTE—In ordering small quantities of Hardware, please add **20c** for Parcel Post expense.

CABINET HARDWARE



Each article packed complete with screws

GENUINE FORGED IRON

For Knotty Pine or Colonial Interiors

No.		BL	RI
678	"H" Hinge, 3" high, per pair	**75c**	**84c**
679	"L" Hinge, " " " "	**93c**	**$1.00**
680	Latch, each	**57c**	**60c**

TURNS and PULLS

		Finishes SB, DBorOC	NP or DN
681	Cupboard Turns, each	**11c**	**13c**
684	Drawer Pulls, 3⅜" wide, ea.	**5c**	**5c**

HINGES FOR PLYWOOD DOORS

685—For ¾" Doors hung flush with Trim. Fasten to back of Door. Painted Ivory (**PI**), per pair.............**15c**

FULL SURFACE HINGES

688	1½", per pair	**16c**	**20c**
689	2", per pair	**23c**	**24c**

NARROW BALL TIP BUTTS

No	Prices per Pair	Finishes SB, DBorOC	NP or DN
691	1½x2", for small ⅞" Doors	**21c**	**28c**
692	1¾x2½", for large "	**23c**	**31c**
693	2x3", for all 1⅛" Doors	**28c**	**35c**

DOOR CATCHES

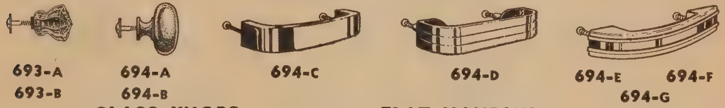
		Price
682	Elbow Catches, steel, each	**4c**
683	Friction Catches, **DB**, each	**5c**
683-A	Friction Catches, packed with 2 types of strikes, Nickel Plated, each	**7c**
686	"Snugger" Catches, pull doors tightly into place—recommended for doors that are warped, Cadmium Plated, each	**43c**

CUPBOARD LATCHES

		NPorDN Steel	PCorDC Brass
687	For either "Lip" or "Flush" Doors	**19c**	**53c**

OFFSET HINGES

		NPorDN
690	For "Lip" Doors 1¾" high, per pair	**17c**



GLASS KNOBS

No.		Prices
693-A	Crystal, ⅞" Diameter, each	**5c**
693-B	" 1⅛" " "	**5c**

METAL KNOBS

Wrought Brass		DB PB	NP DN	PC DC
694-A	1" Diameter, each	**16c**	**19c**	**25c**
694-B	1¼" " "	**21c**	**24c**	**27c**

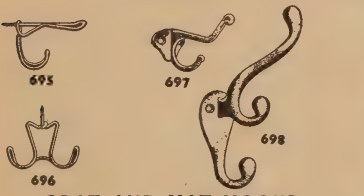
FLAT HANDLES

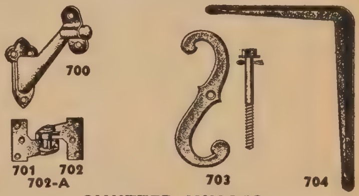
		DB PB	NP DN	PC DC
	Cast Bronze			
694-C	3½" wide, each	**28c**	**29c**	**32c**
	Chromium Plated			
694-D	3¼" wide, Steel, each			**24c**

COLORED HANDLES

No.	**Bakelite with Chromium Band**	Each
694-E	Chinese Red	**15c**
694-F	Glossy Black	**15c**
694-G	Deep Ivory	**15c**

All the above can be used for either Door or Drawer Pulls or Handles





COAT AND HAT HOOKS

		Per Dozen
695	Side Type, Coppered Wire	**16c**
696	Ceiling Type, Coppered Wire	**21c**
697	Side Type, Cast Iron **DB** or **OC**	**64c**
		Each
698	Hall Rack Type, Cast Iron, **DB** or **OC**	**28c**

STAIR RAIL BRACKETS

700—**DB** or **OC** finish, each.............**20c**

SHUTTER FASTENERS

Ornamental and Attractive. Keep Shutters from banging in the wind. Rust proofed.

703—"**S**" shaped, 5¾" long with 4¼" lag screws, **BL** finish, each...........**29c**

SHUTTER HINGES

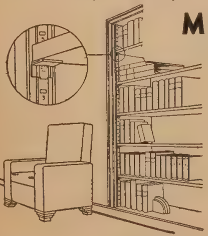
Cast Iron Complete With Catches and Screws
Per Set of 2 pairs (for 1 pair of Shutters)

701	For Frame Wall, 1⅜" throw	**43c**
702	For Brick Wall, 3⅛" throw	**57c**
702-A	For Brick Veneered Wall 4¼" throw	**$1.13**

METAL SHELF BRACKETS

Japanned Finish, with screws

704	3x4"	per pair	**13c**
704-A	5x7"	" "	**23c**
704-B	6x8"	" "	**25c**
704-C	8x10"	" "	**29c**
704-D	10x12"	" "	**40c**



METAL RATCHET SHELF SUPPORTS

For Book Shelves, Cabinets, Closets, etc.

A great convenience where shelves are to be movable. Two Standards for each side with two supports for each side of shelf—will sustain extremely heavy weight. Adjustable for every half inch and numbered for perfect alignment.

NICKEL PLATED — NAILS INCLUDED

No. **740—Standards.** Per lineal foot.................. **6c**
Carried in 48", 60" and 72" lengths.

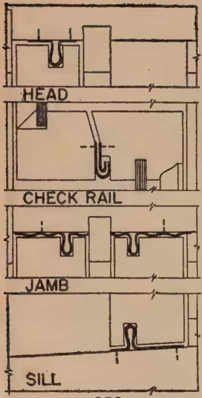
No. **742—Supports.** Each.......................... **2c**

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

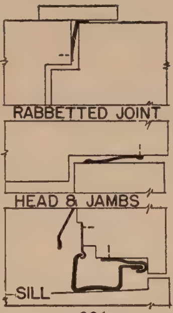
Superior WEATHERSTRIP

The Best is the Cheapest

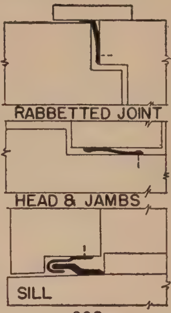
Made from the finest Zinc, Spring Bronze and Brass. Our Weatherstrip is the most highly improved and practical on the market—yet our prices are extremely low. Screws and nails are included.



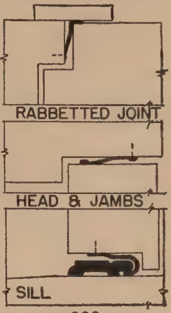
800



801



802



803

Always specify **thickness** and order by **opening** sizes—see pages **54** and **57** for comparison of opening with glass sizes of Windows and Sash. All Weatherstrip is shipped separately by **Express.**

No. 800 – For 1⅜″ or 1¾″ DOUBLE HUNG WINDOWS – Prices Per Set

Zinc Rib Strips for Jambs, Head and Sill, and Zinc Interlocking Strips for Check Rails

2-4x4-6 or smaller.......**71c** **2-8x5-2** or smaller...... **79c** **3-0x5-6** or smaller....**88c**

For larger sizes, add **18c** for every 6″ or fraction in width and **8c** for every 6″ or fraction in height.

No. 801 – For 1⅜″ or 1¾″ IN-SWINGING SASH – Prices Per Set

Spring Bronze Strips for Jambs, Head and Center Stiles. Zinc Trough and Spring Bronze Interlocking Strips for Sill. Absolutely Leak Proof.

2-4x2-5 or smaller......**96c** **3-0x2-11** or smaller....**$1.11** **3-4x3-5** or smaller......**$1.25**

For larger sizes and for all **Pairs of Sash,** figure as follows per lineal foot or fraction:
Jambs, Head or Center Stiles......**5c** Sill............**35c**

No. 802 – For 1⅜″ or 1¾″ OUT-SWINGING SASH – Prices Per Set

Spring Bronze Strips cr Jambs, Head and Center Stiles. Spring Bronze Interlocking Strip and Narrow Brass Threshold for Sill.

2-4x2-5 or smaller......**59c** **3-0x2-11** or smaller......**81c** **3-4x3-5** or smaller......**88c**

For larger sizes and for all **Pairs of Sash,** figure as follows. Per lineal foot or fraction:
Jambs, Head or Center Stiles..........**5c** Sill..........**15c**

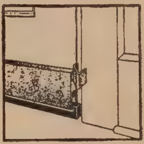
No. 803 – For 1⅜″ or 1¾″ EXTERIOR DOORS – Prices Per Set

Spring Bronze Strips for Jambs and Head. Spring Bronze Interlocking Strip and Bronze Threshold for Sill. 1″ for doors 1⅜″ thick and 1¼″ for doors 1¾″ thick.

2-8x6-8 or smaller.....**$1.55** **3-0x7-0** or smaller......**$1.76** **5-0x7-0*** or smaller....**$2.57**

For larger sizes, add **40c** for every 6″ or fraction in width and **5c** for every 6″ or fraction in height.
*Includes Spring Bronze Interlocking Strips for Rabbetted Joints (if Pairs of Doors) or Spring Bronze Strip for Astragal Joints—state which is wanted in ordering.

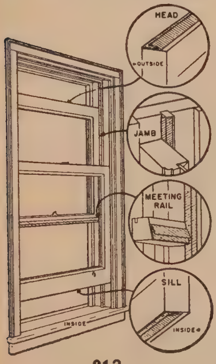
DRAFT STOP FOR DOORS



805

Can be used at bottom of Interior or Exterior Doors.
Consists of Spring Bronze Strips for Jambs and Head and Steel Face Plate with Felt Base which moves up or down as Door is opened or closed.
Stops under-door drafts—Keeps dust out of closets—Deadens sound from adjoining rooms. Comes in Ivory, Walnut or Dull Brass finish—for doors 2-6 to 3-0 wide x 7-0 high. Specify Door Size and Finish.

No. **805** Price per Set...**$1.40**



812

TOOLS USED IN FITTING WEATHERSTRIP

Grooving Plane No. 806—Cuts a clean groove ½″ deep and any desired distance (usually ⅜″ from edge). Price each....**$3.35**
Meeting Rail Plane No. 807—Cuts a smooth rabbet up to ½″ wide. Has an adjustable guide. Price per set (complete with bit)..**3.35**
Saw Router No. 808—Saws or cuts a thin kerf. Price each....**1.35**

HANDYMAN'S WEATHERSTRIP

For Double Hung Windows only.

Easy to install—no removal of sash necessary. A Hammer is the only tool needed. Merely apply the special highly tempered bronze strips where indicated in instructions. Speedily installed and efficient, this type of weatherstrip seals windows at head, sill, meeting rail, and sides. Pays for itself in fuel saved. Carton packed with printed installation instructions. Shipping weight 2 lbs. per set.

No. 812 – For Double Hung Windows – Prices Per Set

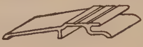
2-6x5-0 and smaller......**53c** 3-0x6-0 and smaller......**67c**
3-6x7-0 and smaller......**80c**

METAL THRESHOLDS

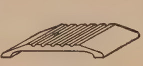
Prices Per Lineal Foot or Fraction Thereof

No.	Metal	Size	Per Foot
815	Brass	3½x⅝″	$1.55
816	"	4¼x⅝″	1.76
817	"	5x⅞″	1.84
818	"	6x⅞″	2.05

Average weight per foot 3½ lbs.



815-818



820-823

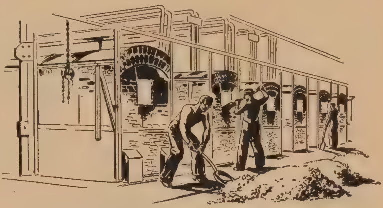
Drilled and Countersunk—with Screws Ready for Installation

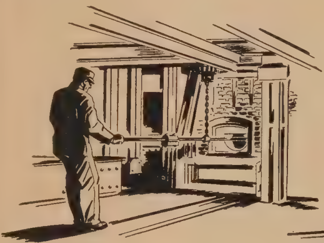
No.	Metal	Size	Per Foot
820	Cast Iron	4x½″	$0.60
823	Extruded Brass	4x½″	1.40
824	Lead Expansion Shields Per dozen		.48

Glass

The manufacture of glass dates back to the days of the Egyptians although it was the Venetians who first made small plates of glass for windows. Through the Middle Ages little progress was made, nor was glass employed extensively in architecture, so that it was not until the coming of the Machine Age with the corresponding advance in house building, that glass became an important building material. Strangely enough, no machinery was designed for the actual manufacture of glass until the last century. Prior to then glass was "hand blown" by men ("Glass Blowers" they were called) through tubes dipped in molten glass into cylinders which were cut apart and flattened into sheets before being cooled.

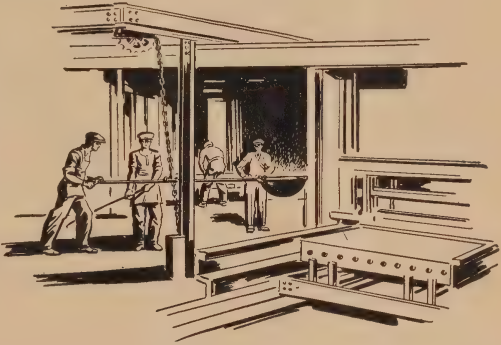
Glass is made from silicates or sand, together with lime and other chemicals, which are melted in glass tank furnaces at extremely high temperatures. A small amount of broken glass or "cullet" is always included as, strangely enough, this lowers the melting point. The furnaces are seldom allowed to cool as when shut down, several weeks are required to get them into operation again.

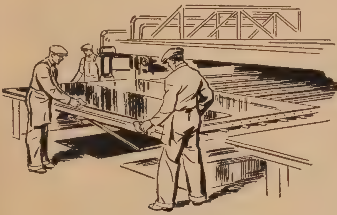




The molten glass is ladled out of the furnace and the ladle is conveyed by overhead track to the casting table where the glass is poured out and rolled into a large sheet. This makes what is known as Flat Drawn Glass, in comparison with the old cylindrical or Hand Blown product and the waves and imperfections can thus be eliminated mechanically to secure glass which will be stronger and clearer. The Flat Drawn Process was invented by a Belgian, Fourcault, and most of the machines and improvements to them are still covered by patents.

Rolled sheet and wired glass is further processed at this point to retard direct vision, improve daylight illumination or provide glass which will withstand a breakdown test of 1800° F. as required by the Underwriters' Laboratories for fire-proof work. The wide variety of opaque, translucent and decorative glass available today at small cost is indeed a tribute to the progressiveness of the Industry.

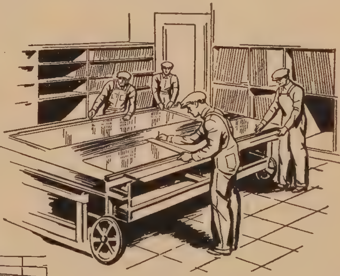


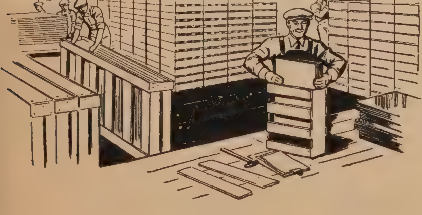


The sheets of glass, after being rolled, pass through cooling chambers or Lehrs where the temprature is gradually reduced so that the difference between internal and external stress will not cause the glass to shatter when handled. When cool, the glass is taken from the Lehr to the cutting tables and cut into stock sized sheets. Plate glass then goes to the polishing plant where the surfaces are rubbed uniformly until they have the required lustre. Plate glass mirrors are first given chemical baths to clean the surface of all impurities before they are coated with silver.

The silver coating in turn is protected by an electrolytic copper backing on the more expensive mirrors and varnish on cheaper products.

Window glass is uniformly boxed, the insides of the boxes being lined with straw so that glass can now be shipped and transported with a negligible amount of breakage. Huge stocks are of necessity maintained, as the manufacturing process cannot be speeded up nor slowed down to suit the fluctuation in demand for building products.



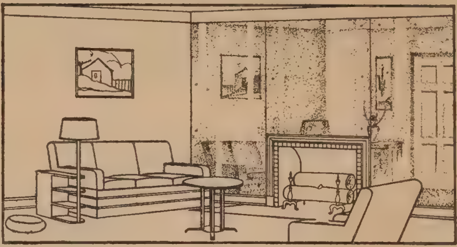


The manufacture of Glass Blocks is still quite new and is progressing rapidly. Their apparent high cost is largely due to the elaborate and extensive cooling operation required to bring them from furnace heat to ordinary temperature without shattering. Architecturally the use of Glass Blocks has only just begun, and it is fair to assume they will have a far reaching effect on the architecture of the future.

PLATE GLASS MIRRORS

1/4" Thick—Copper Sealed

**Reflect
the
Beauty
of
Tasteful
Furnishings**



**Double
the
Apparent
Size
of Any
Room**

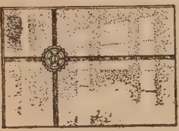
Large mirrors with their bright enduring beauty are being employed as a decorative medium more and more. They give the illusion of spaciousness far beyond the actual dimensions of the room and add warmth and friendliness to any interior. Mirrors in color bring out richer tones and give mellowed reflections that are quiet and soothing. Made of the finest 1/4" Polished Plate Glass, with Silver Backing protected by a coating of Copper.

PRICES PER MIRROR No. 825

GENUINE 1/4" PLATE GLASS WITH CLEAN CUT EDGES

	24"	26"	28"	30"	32"	36"	40"	44"	48"	54"	60"
12"	$1.66	$1.85	$1.96	$2.06	$2.38	$2.74	$2.97	$3.54	$3.77	$4.11	$4.46
14"	1.96	2.08	2.55	2.68	2.82	3.43	3.70	3.96	4.22	4.76	5.18
16"	2.17	2.67	2.82	2.97	3.47	3.77	4.07	4.38	4.83	5.30	5.78
18"	2.74	2.92	3.09	3.60	3.77	4.11	4.46	4.94	5.30	5.83	6.47
20"	2.97	3.51	3.70	3.88	4.07	4.46	4.98	5.38	5.78	6.47	7.79
22"	3.54	3.75	3.96	4.17	4.38	4.94	5.38	5.81	6.35	7.70	8.54
24"	3.77	3.99	4.22	4.46	4.83	5.30	5.78	6.35	7.47	8.37	9.30
26"	3.99	4.25	4.63	4.88	5.14	5.65	6.26	6.79	8.05	9.05	10.91
28"	4.22	4.63	4.91	5.18	5.46	6.01	6.67	7.95	8.66	10.57	11.73
30"	4.46	4.88	5.18	5.48	5.78	6.47	7.74	8.50	9.26	11.31	12.55
32"	4.83	5.14	5.46	5.78	6.18	6.83	8.25	9.06	10.73	12.06	13.37
34"	5.06	5.40	5.73	6.16	6.50	7.89	8.76	10.45	11.39	12.78	14.18
36"	5.30	5.65	6.01	6.47	6.83	8.35	9.25	11.04	12.05	13.52	15.00
38"	5.53	5.91	6.38	6.77	7.85	8.80	10.60	11.65	12.68	14.26	16.24
40"	5.78	6.26	6.67	7.74	8.25	9.25	11.17	12.25	13.34	14.99	17.07
42"	6.01	6.52	7.59	8.13	8.66	10.56	11.70	12.85	14.00	16.16	17.92
44"	6.35	6.79	7.95	8.50	9.06	11.04	12.25	13.45	14.66	16.91	18.76
46"	6.59	7.73	8.32	8.89	10.30	11.54	12.79	14.06	15.73	17.67	19.59
48"	7.47	8.05	8.66	9.26	10.73	12.05	13.34	14.66	16.40	18.41	20.44
52"	8.06	8.72	10.19	10.89	11.61	13.02	14.44	16.28	17.74	19.92	22.11
56"	8.68	10.20	10.96	11.72	12.49	14.01	15.95	17.52	19.11	21.18	23.79
60"	9.30	10.91	11.73	12.55	13.37	15.00	17.07	18.76	20.44	22.96	25.48
64"	10.76	11.63	12.51	13.38	14.25	16.41	18.21	20.00	21.78	24.48	30.37
68"	11.43	12.35	13.28	14.20	15.53	17.44	19.33	21.23	23.13	29.06	32.25
72"	12.10	13.07	14.05	15.03	16.43	18.45	20.45	22.46	24.49	30.75	34.11

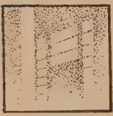
Write for prices on sizes not shown above or if "to pattern." Approximate weight 4 lbs. per sq. ft.



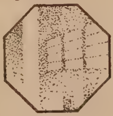
GROUND EDGES........................Add 12½% to above prices.
BEVELLED or POLISHED EDGES....... " 40% " " "
In ordering, specify whether 1", 1¼", or 1½" bevel is wanted.
TINTED MIRRORS........................Add 50% to above prices.
Available in Peach, Rose, Flesh, Blue, Aqua Marine, and Emerald.
HOLES and ROSETTES for Wall Mounting, add 10c per hole.
In ordering, be sure to specify location of holes.
STRAIGHT BORDER LINE ENGRAVING, add 25c per lineal foot of line.
Submit a sketch showing location and width of engraved border line.

MIRRORS FOR WALL HANGING

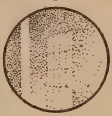
All of These Designs Same Price According to Size



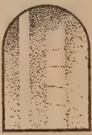
826
Square



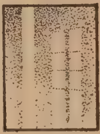
827
Octagon



828
Circle



829
Circle Head



829-A
Rectangular

These mirrors are mounted on Compo Board Back, clipped at edges with Hangers attached.

All are Genuine 1/4" Plate Glass, Bevelled, with Copper-sealed Backs

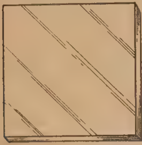
Square No. **826** **Octagon** No. **827** or **Circle** No. **828**		Prices	**Circle Head** No. **829** or **Rectangular** No. **829-A**		Prices	**Rectangular Mantel Mirror** No. **829-A**		
18x18"	Wt. 9 lbs.	$3.30	12x20"	Wt. 7 lbs.	$2.31	Mounted on wood backs with rosettes at each corner and equipped with hangers		
20x20"	“ 11 “	4.27	14x24"	“ 10 “	3.07			
22x22"	“ 14 “	4.88	16x26"	“ 12 “	4.58			
24x24"	“ 16 “	5.29	18x28"	“ 14 “	5.49			
26x26"	“ 19 “	6.53	20x30"	“ 17 “	6.53	Sizes		Prices
28x28"	“ 22 “	7.57	22x34"	“ 21 “	8.18	40x30"	Wt. 34 lbs.	$14.03
30x30"	“ 25 “	8.80	24x36"	“ 24 “	9.46	40x34"	“ 38 “	16.50
36x36"	“ 36 “	12.17	26x40"	“ 29 “	12.03	46x36"	“ 46 “	20.83
40x40"	“ 45 “	15.88	28x42"	“ 33 “	13.52	50x38"	“ 54 “	25.44
48x48"	“ 64 “	23.31	30x48"	“ 40 “	16.16	54x40"	“ 60 “	29.02

For Venetian and Metal Banded Mirror Bathroom Cabinets, see pages 121 to 124.
For Plain and Bevelled Plate Mirrors for Doors, see page 91.

CRYSTAL SHEET GLASS

Resembles Polished Plate — Costs Much Less

Originally manufactured for automobile windshields, Crystal Sheet Glass is now used extensively in the building field. It is 3/16″ thick (half way between double strength window glass and ¼″ plate) and can thus be used in sizes up to **25** sq. ft. Its lustrous appearance gives an effect far superior to ordinary window glass and, with ground and polished edges, it can be used for desk and table tops.



18c up Per Sq. Ft.

PRICES 3/16″ CRYSTAL SHEET GLASS No. 830

Square Feet per light, not over	1	2⅔	5	10	Over
Price per square foot	**18c**	**20c**	**23c**	**28c**	**33c**

Use square foot table at bottom of page.

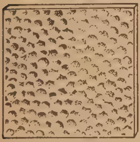
GROUND EDGES (Milky White) Add per lineal inch of edge........**1c**
GROUND and POLISHED EDGES " " " " " " **2c**

PLAIN OBSCURE GLASS — ⅛″ Thick

Any of the following patterns of glass can be furnished cut to exact size in any size up to **60″x120″**. Samples of any pattern furnished on request. All prices are per square foot, using square foot table at bottom of page. Approximate shipping weights per Sq. Ft.:

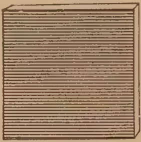
⅛″ Glass..............2 lbs. 3/16″ Glass..........2½ lbs. ¼″ Glass...........3¾ lbs.

HAMMERED



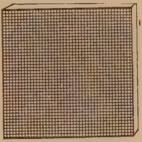
No. 831 **15c** Ft.

RIBBED



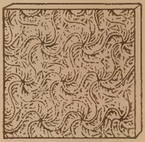
No. 832 **15c** Ft.

FACTROLITE



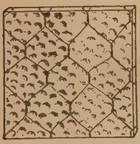
No. 833 **21c** Ft.

MAZE

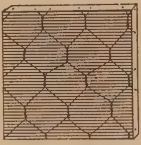


No. 834 **21c** Ft.

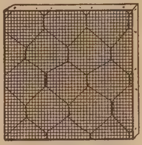
WIRED OBSCURE GLASS — ¼″ Thick



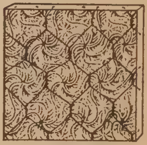
No. 831-A **23c** Ft.



No. 832-A **23c** Ft.



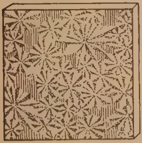
No. 833-A **28c** Ft.



No. 834-A **28c** Ft.

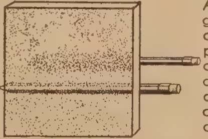
HAMMERED GLASS is made up of contiguous lenses and is recommended for windows which receive little or no attention, as its smooth surface does not collect flying particles of dust.
RIBBED GLASS affords excellent light diffusion and is recommended for warehouses and garages.
FACTROLITE GLASS is designed for daylight factories. It eliminates glare, reduces eye fatigue, and improves illumination as every inch of surface has 900 prisms to break up the sun's rays.
MAZE GLASS has a brilliant pattern formed by a succession of prismatic figures filled with smaller prisms. Recommended for office partitions.

FLORENTINE **No. 834-B—⅛″ Thick**



One of the earliest styles and the most commonly used obscure glass. The figure is made up of prisms which diffuse light while obstructing the vision **21c** Ft.

MIRALEX **No. 834-C—3/16″ Thick**



A translucent, semi-opaque glass widely used in fine office partitions. Transparent at very close range only. Has a rich, silvery, and sparkling surface and causes a beautiful diffusion of light...... **42c** Ft.

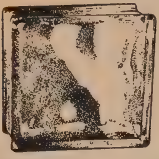
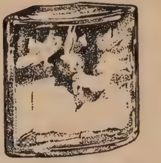
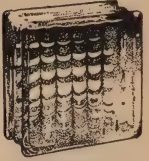
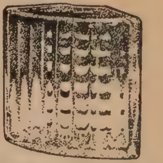
MITRED or **ENGRAVED LINES** can be cut in any of the above Figured or Crystal Glass for **25c** per square foot extra. Always submit sketch showing location and width of engraved lines.
Polished Plate Glass—⅛″ and ¼″ Thick and Polished Wired Glass—¼″ Thick—quoted on request.

SQUARE FOOTAGE TABLE FOR FIGURING GLASS

	WIDE																	
High	**6″**	**8″**	**10″**	**12″**	**14″**	**16″**	**18″**	**20″**	**22″**	**24″**	**26″**	**28″**	**30″**	**32″**	**34″**	**36″**	**38″**	**40″**
12″	½	1	1	1	1½	1½	1½	2	2	2	2½	2½	2½	3	3	3	3½	3½
14″	1	1	1	1½	1½	2	2	2	2½	2½	3	3	3	3½	3½	3½	4	4
16″	1	1	1½	1½	2	2	2	2½	2½	3	3	3½	3½	4	4	4	4½	4½
18″	1	1	1½	1½	2	2	2½	2½	3	3	3½	3½	4	4	4½	4½	5	5
20″	1	1½	1½	2	2	2½	2½	3	3½	3½	4	4	4½	4½	5	5	5½	6
22″	1	1½	2	2	2½	2½	3	3½	3½	4	4	4½	5	5	5½	5½	6	6½
24″	1	1½	2	2	2½	3	3	3½	4	4	4½	5	5	5½	6	6	6½	7
26″	1½	1½	2	2½	3	3	3½	4	4	4½	5	5½	5½	6	6½	6½	7	7½
28″	1½	2	2	2½	3	3½	3½	4	4½	5	5½	5½	6	6½	7	7	7½	8
30″	1½	2	2½	2½	3	3½	4	4½	5	5	5½	6	6½	7	7½	7½	8	8½
32″	1½	2	2½	3	3½	4	4	4½	5	5½	6	6½	7	7½	8	8	8½	9
34″	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	8½	9	9½
36″	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10
38″	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10½	11
40″	2	2½	3	3½	4	4½	5	6	6½	7	7½	8	8½	9	9½	10	11	11½
42″	2	2½	3	3½	4½	5	5½	6	6½	7	8	8½	9	9½	10	10½	11½	12
44″	2	2½	3½	4	4½	5	5½	6½	7	7½	8	9	9½	10	10½	11	12	12½
46″	2	3	3½	4	4½	5½	6	6½	7½	8	8½	9	10	10½	11	11½	12½	13
48″	2	3	3½	4	5	5½	6	7	7½	8	9	9½	10	11	11½	12	13	13½
50″	2½	3	3½	4½	5	6	6½	7	8	8½	9½	10	10½	11½	12	12½	13½	14
52″	2½	3	4	4½	5½	6	6½	7½	8	9	9½	10½	11	12	12½	13	14	14½
54″	2½	3	4	4½	5½	6	7	7½	8½	9	10	10½	11½	12	13	13½	14½	15
56″	2½	3½	4	5	5½	6½	7	8	9	9½	10½	11	12	12½	13½	14	15	16
58″	2½	3½	4½	5	6	6½	7½	8½	9	10	10½	11½	12½	13	14	14½	15½	16½
60″	2½	3½	4½	5	6	7	7½	8½	9½	10	11	12	12½	13½	14½	15	16	17

For larger sizes see page 57 or use MULTIPLES of above. For example: **60″x72″** would be twice **60″x36″** or **30** square feet; **60″x74″** would be **60″x36″** plus **60″x38″** or **31** square feet.

GLASS BLOCKS OR BRICK

Straight Block......DECORA......Corner Block **Straight Block....ARGUS....Corner Block**

Glass Blocks admit and diffuse light through solid masonry walls and can be combined with colored lighting to give architectural effects that are new and startling. The Blocks are laid up like ordinary brickwork and come in two patterns, each in two sizes, and for straight or curved walls.
40 of the small or 23 of the large Blocks are required for 10 square feet of panel area. Write for Data Book giving full information on these Glass Blocks. Small Blocks are packed 12 and large Blocks 8 to the carton. No cartons broken.

				PER BLOCK	
No.	**Kind**	**Pattern**	**Size**	**Weight**	**PRICE**
835	Straight	Decora	5¾x5¾x3⅞"	4 lbs.	$0.37
835-A	Corner	"	4 11/16x5¾ (4 11/16" Radius)	4 "	.72
836	Straight	Argus	5¾x5¾x3⅞"	4 "	.37
836-A	Corner	"	4 11/16x5¾ (4 11/16" Radius)	4 "	.72
837	Straight	Decora	7¾x7¾x3⅞"	6 "	.73
837-A	Corner	"	6⅛x7¾ (6⅛" Radius)	6 "	1.43
838	Straight	Argus	7¾x7¾x3⅞"	6 "	.73
838-A	Corner	"	6⅛x7¾ (6⅛" Radius)	6 "	1.43

Bullnose Blocks can be furnished at same price as Straight Blocks.

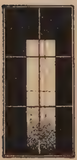
WINDOW GLASS

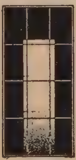
Carrying Factory Grade Labels
Machine Made — Flat Drawn

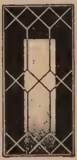
PRICES PER BOX—NO BOXES BROKEN

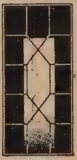
Size	Lts.	S.S.A.	S.S.B.	Size	Lts.	S.S.A.	S.S.B.	D.S.A.	D.S.B.	Size	Lts.	S.S.A.	S.S.B.	D.S.A.	D.S.B.
8x10	90	$4.12	$3.64	**16x26**	17	$5.09	$4.40	.....	.....	**24x46**	7	.....	.....	$8.38	$7.14
12	75	4.12	3.64	**28**	17	5.09	4.40	.....	.....	**52**	6	.....	.....	9.14	7.71
13	69	4.12	3.64	**30**	15	5.09	4.40	.....	.....	**60**	5	.....	.....	9.35	7.91
14	64	4.12	3.64	**32**	14	5.09	4.40	.....	.....	**26x26**	11	$5.22	$4.47	7.70	6.64
16	56	4.12	3.64	**34**	13	5.09	4.40	.....	.....	**28**	10	5.50	4.60	7.83	6.70
9x12	67	4.12	3.64	**36**	13	5.22	4.47	.....	.....	**30**	9	5.50	4.60	7.83	6.70
13	62	4.12	3.64							**32**	9	5.50	4.60	7.83	6.70
14	57	4.12	3.64	**18x18**	22	4.54	3.96	.....	.....	**36**	8	5.99	4.98	8.38	7.14
16	50	4.12	3.64	**20**	20	4.54	3.96	.....	.....	**42**	7	.....	.....	8.38	7.14
10x12	60	4.12	3.64	**24**	17	5.09	4.40	.....	.....	**50**	6	.....	.....	9.14	7.71
14	51	4.12	3.64	**26**	15	5.09	4.40	.....	.....						
16	45	4.26	3.83	**28**	14	5.09	4.40	.....	.....	**28x28**	9	5.50	4.60	7.83	6.70
18	40	4.26	3.83	**30**	13	5.09	4.40	.....	.....	**30**	9	5.50	4.60	7.83	6.70
20	36	4.26	3.83	**32**	13	5.09	4.40	.....	.....	**32**	8	5.99	4.98	8.38	7.14
24	30	4.26	3.83	**36**	11	5.22	4.47	.....	.....	**34**	8	5.99	4.98	8.38	7.14
26	28	4.54	3.96	**40**	10	5.50	4.60	.....	.....	**36**	7	5.99	4.98	8.38	7.14
12x12	50	4.12	3.64	**20x20**	18	5.09	4.40	$7.49	$6.51	**38**	7	.....	.....	8.38	7.14
14	43	4.26	3.83	**24**	15	5.09	4.40	7.49	6.51	**40**	6	.....	.....	8.38	7.14
16	38	4.26	3.83	**26**	14	5.09	4.40	7.49	6.51	**42**	6	.....	.....	8.38	7.14
18	33	4.26	3.83	**28**	13	5.09	4.40	7.49	6.51	**46**	6	.....	.....	9.14	7.71
20	30	4.26	3.83	**30**	12	5.09	4.40	7.49	6.51	**52**	5	.....	.....	9.14	7.71
24	25	4.54	3.96	**32**	11	5.22	4.47	7.70	6.64	**30x30**	8	5.99	4.98	8.38	7.14
26	23	4.54	3.96	**36**	10	5.50	4.60	7.83	6.70	**32**	8	5.99	4.98	8.38	7.14
28	21	4.54	3.96	**40**	9	5.50	4.60	7.83	6.70	**36**	7	.....	.....	8.38	7.14
30	20	5.09	4.40	**48**	9	5.99	4.98	8.38	7.14	**40**	6	.....	.....	8.38	7.14
32	19	5.09	4.40	**56**	8	.....	.....	10.09	8.55	**50**	5	.....	.....	9.14	7.71
14x14	37	4.26	3.83	**60**	8	.....	.....	10.09	8.55	**52**	5	.....	.....	9.35	7.91
16	32	4.26	3.83	**22x24**	14	5.09	4.40	7.49	6.51	**32x34**	7	.....	.....	8.38	7.14
18	29	4.26	3.83	**26**	13	5.09	4.40	7.49	6.51	**36**	6	.....	.....	8.38	7.14
20	26	4.26	3.83	**28**	12	5.09	4.40	7.49	6.51	**40**	6	.....	.....	9.14	7.71
24	23	4.54	3.96	**30**	11	5.22	4.47	7.70	6.64	**32x48**	5	.....	.....	9.14	7.71
26	20	4.54	3.96	**32**	10	5.22	4.47	7.70	6.64	**50**	5	.....	.....	9.35	7.91
28	18	5.09	4.40	**60**	5	.....	.....	10.09	8.55			.....	.....	.....	.....
30	17	5.09	4.40							**34x38**	6	.....	.....	9.14	7.71
32	16	5.09	4.40	**24x24**	12	5.09	4.40	7.49	6.51	**46**	5	.....	.....	9.14	7.71
15x24	20	4.54	3.96	**26**	12	5.09	4.40	7.49	6.51	**36x36**	6	.....	.....	9.14	7.71
26	18	5.09	4.40	**28**	11	5.22	4.47	7.70	6.64	**44**	5	.....	.....	9.14	7.71
28	17	5.09	4.40	**30**	10	5.22	4.47	7.70	6.63	**48**	4	.....	.....	9.33	7.91
16x16	28	4.26	3.83	**32**	9	5.50	4.60	7.83	6.70	**38x42**	14	.....	.....	9.14	7.71
18	25	4.26	3.83	**34**	9	5.50	4.60	7.83	6.70	**40x40**	5	.....	.....	9.14	7.71
20	23	4.54	3.96	**36**	8	5.50	4.60	7.83	6.70	**44**	4	.....	.....	9.35	7.91
24	19	4.54	3.96	**40**	8	.....	.....	8.38	7.14	**50**	4	.....	.....	9.89	8.48

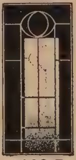
LEADED GLASS — D. S. A. SET IN 3/16" HARD METAL BARS

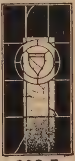

839-A

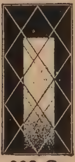

839-B

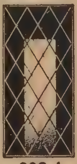

839-C


839-D


839-E


839-F


839-G
839-H


839-J

Some Colored Art Glass Included in designs 839-E and 839-F.

PRICES PER SQUARE FOOT — Minimum Charge **2 Sq. Ft.** Use Square Foot Table on page 151

839-A	40c	**839-D**	65c	**839-G** 5"x8" Diamond Lights	59c
839-B	43c	**839-E**	75c	**839-H** 4"x6" " "	67c
839-C	55c	**839-F**	80c	**839-J** 3"x5" " "	80c

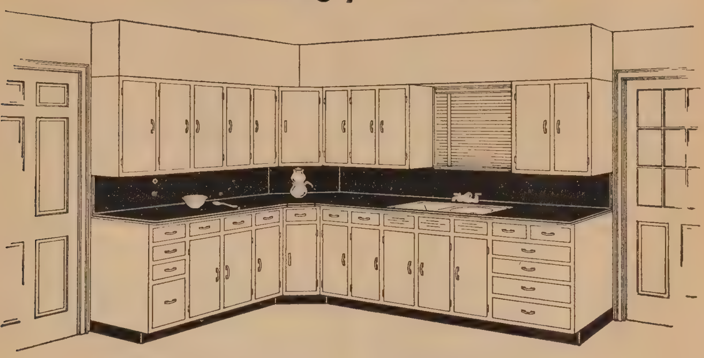
PLIABLE GLAZING PUTTY

For Wood Sash	No. **840**	25 lb. pail for $1.10	50 lb. pail for $2.15	100 lb. keg for $4.10
***For Steel Sash**	No. **841**	" " " 1.55	" " " 2.90	" " " 5.25
White Lead Putty	No. **842**	" " " 1.80	" " " 3.30	" " " 6.35

*Do not use Linseed Oil to soften.

Economy KITCHEN CABINETS

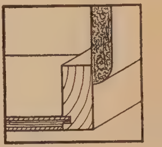
At Startlingly Low Prices



COMPLETELY FINISHED — READY TO INSTALL

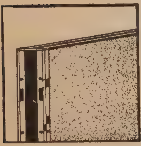
Our "Economy" line has been created to put modern up-to-date Kitchen Cabinets in low cost homes that might otherwise go without. While well made and beautifully finished, we honestly believe that our "Economy" Units are the lowest priced Kitchen Cabinets on the market today.
The wide range of sizes and designs makes it possible to fit the Cabinets to any Kitchen whether old or new and to secure the most efficient and labor saving arrangement for the housekeeper. The Base Sections come without Tops; with Armstrong Linoleum covered Tops, with Tops and Back Splashers; and with Porcelain Enamelled Sinks, either single or double bowl, installed in the Tops. The line comprises various Corner Units for "L" and "U" shaped Kitchen installations, and Wall Units of various lengths make the line adaptable to any ceiling height.

CONSTRUCTION



"Economy" Kitchen Cabinets are made by a Furniture Factory with years of experience. The fronts are made of kiln dried Poplar and Gum put together with mortised and tenoned construction. The Sides are ⅝" 5-ply, the Shelves ⅜" 3-ply and the Backs 3/16" 3-ply, all cross-banded Gum Plywood with each ply running in the opposite direction from the ones it adjoins. The Doors are Weatherwood Dense Board 7/16" thick with edges slightly rounded so that when closed the Doors have a "lipped" appearance. The Drawers are carefully fitted and slide easily on guides which are mortised-in and one Drawer in each Base Section is partitioned for cutlery.

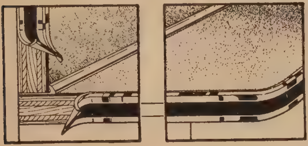
CHOICE of WHITE or IVORY



The finish is a two coat job on the Interior with three coats on the Exterior Surfaces. The Enamel is sprayed-on in heated temperatures so as to build up a surface with Body and Lustre. All Base Sections and Utility Units have Black off-set Bases to give ample toe room and serve as mop boards.

LINOLEUM COVERED TOPS

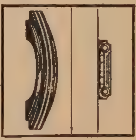
All Base Sections can be furnished with Linoleum-on-Plywood Tops either with or without Back Splashers. Armstrong Linoleum is cemented to ¾" 5-ply Fir Plywood made with waterproof glue. The front and side edges of the Counter Tops and the side edges of the Back Splashers are trimmed with Polished Aluminum Binding, raised slightly to turn back surface water and having colorful Linoleum inserts to match Tops. Back Splashers are at least 12" high and are constructed of the same material as the Tops, with a small quarter round Aluminum Moulding at the joints.



Choice of 5 Linoleum Colors—See page 171

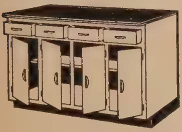
Plain Red	Black Marbelle	Plain Black
Blue Jaspe		Green Jaspe

SMARTLY STYLED HANDLES



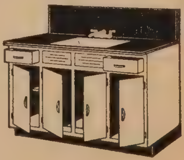
Door Handles and Drawer Pulls are convenient to grasp and are Chromium Plated, Polished Finish. The hinges are Chromium Plated and semi-concealed and each door is equipped with a Bullet Catch to keep it closed tightly. The deep colors of the Linoleum Tops form a pleasing contrast with the White or Ivory Cabinets and the whole effect is further enhanced by the Polished Chromium Hardware.

BASE SECTIONS WITH CABINET TOPS



One outstanding feature of the "Economy" line of Cabinets is the Number and arrangements of single Base Units available—**12"** to **84"** wide. This eliminates the necessity of grouping several small Units together and provides a single 1 piece Top which can be furnished with or without Back Splasher. The Wall Units can rest on top of the Back Splasher to close off the wall entirely or they can be raised up higher if more work space is desired above Counter Top.

BASE SECTIONS WITH SINKS INSTALLED

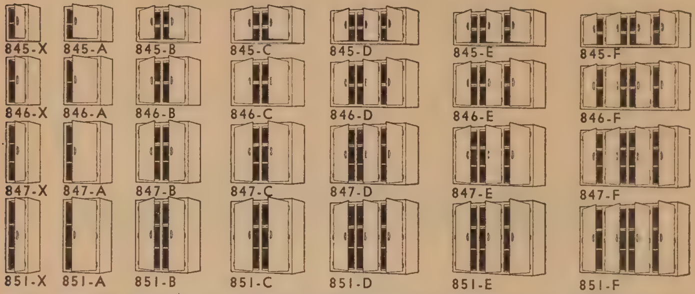


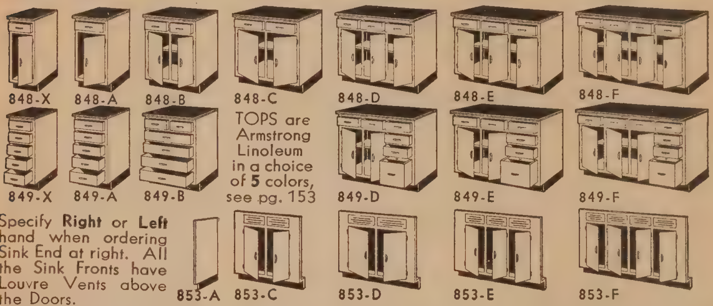
These are complete in every way and form an attractive part of the "Economy" line. White Porcelain Enamelled Sinks **24x16"** (6" deep) are firmly secured to Tops and the joints between the Sink and the Linoleum are covered with Aluminum Edging. Chrome Plated Crumb Cup Strainer and Swinging Spout Mixing Faucets can also be furnished all ready for connection to the plumbing. Dishwashing Sinks **32x20"** (double well—one round, one square) are also available—see price list on next page.

See Next Page for Description and Prices of the Units

Economy KITCHEN CABINETS

Individual Units as Described on Previous Page





TOPS are Armstrong Linoleum in a choice of **5** colors, see pg. 153

Specify **Right** or **Left** hand when ordering Sink End at right. All the Sink Fronts have Louvre Vents above the Doors.

WALL UNITS—All 12½″ deep, with 1 or 2 fixed shelves as noted below.

18″ high			24″ high			30″ high			36″ high		
No.	Size	Price	No.	Size	Price	No.	Size	Price	No.	Size	Price
845-X	12x18″	**$3.70**	**846-X**	12x24″	**$4.40**	**847-X**	12x30″	**$5.00**	**851-X**	12x36″	**$5.60**
845-A	18x18″	**4.40**	**846-A**	18x24″	**5.00**	**847-A**	18x30″	**6.15**	**851-A**	18x36″	**7.10**
845-B	24x18″	**5.60**	**846-B**	24x24″	**6.45**	**847-B**	24x30″	**7.40**	**851-B**	24x36″	**8.60**
845-C	30x18″	**6.45**	**846-C**	30x24″	**7.40**	**847-C**	30x30″	**8.60**	**851-C**	30x36″	**9.95**
845-D	36x18″	**7.35**	**846-D**	36x24″	**8.65**	**847-D**	36x30″	**9.95**	**851-D**	36x36″	**11.70**
845-E	40x18″	**7.75**	**846-E**	40x24″	**9.25**	**847-E**	40x30″	**10.50**	**851-E**	40x36″	**12.25**
845-F	48x18″	**9.25**	**846-F**	48x24″	**10.25**	**847-F**	48x30″	**12.00**	**851-F**	48x36″	**14.20**
845-G	60x18″	**10.85**	**846-G**	60x24″	**12.25**	**847-G**	60x30″	**14.45**	**851-G**	60x36″	**16.70**
845-H	72x18″	**12.25**	**846-H**	72x24″	**14.20**	**847-H**	72x30″	**16.70**	**851-H**	72x36″	**19.00**
845-J	84x18″	**14.45**	**846-J**	84x24″	**16.70**	**847-J**	84x30″	**19.05**	**851-J**	84x36″	**21.60**
845-K	Corner	**9.35**	**846-K**	Corner	**9.95**	**847-K**	Corner	**11.70**	**851-K**	Corner	**13.00**

Wall Units 18″ and 24″ high have 1 Shelf, Wall Units 30″ and 36″ high have 2 Shelves. **FLOUR SIFTER BIN** of 25-lb. capacity can be furnished for any **24″**, **30″** or **36″** high Wall Unit for **$1.35** extra. Specify **FS** after number of Unit when ordering.

BASE UNITS—All **36″** high (**35″** high without Top) by **21½″** deep—Tops **24″** deep.

Furnished **with or without** Tops.
Sinks and Splashers optional.

No.	Width	Prices **without** Tops	Prices **with** Linoleum Tops	Linoleum Tops **and** **12″** high Splashers	Linoleum Tops **and** **18″** high Splashers	Tops, **12″** Splashers, **Sinks** and **Fittings**	Tops, **18″** Splashers, **Sinks** and **Fittings**
848-X	**12″**	**$8.20**	**$9.65**	**$9.95**	**$10.05**		
848-A	**18″**	**9.10**	**11.00**	**11.40**	**11.65**		
***848-B**	**24″**	**11.25**	**13.65**	**14.20**	**14.45**		
***848-C**	**30″**	**13.10**	**16.00**	**16.65**	**16.85**	**$35.25**	**$35.55**
***848-D**	**36″**	**14.70**	**18.00**	**18.80**	**19.20**	**37.40**	**37.80**
***848-E**	**40″**	**17.20**	**20.90**	**21.85**	**22.30**	**40.45**	**40.90**
***848-F**	**48″**	**18.45**	**22.65**	**23.70**	**24.25**	**42.30**	**42.80**
***848-G**	**60″**	**21.90**	**26.40**	**27.75**	**28.40**	**46.35**	**47.00**
***848-H**	**72″**	**25.30**	**30.70**	**32.30**	**33.10**	**50.90**	**51.70**
***848-J**	**84″**	**29.60**	**35.90**	**37.80**	**38.70**	**56.35**	**57.30**
848-K	Corner	**14.95**	**17.60**	**17.85**	**18.00**		
849-X	**12″**	**9.35**	**10.85**	**11.10**	**11.25**		
849-A	**18″**	**11.20**	**13.15**	**13.55**	**13.75**		
849-B	**24″**	**13.40**	**15.80**	**16.30**	**16.60**		
849-D	**36″**	**16.85**	**20.45**	**21.25**	**21.65**	**39.85**	**40.25**
849-E	**40″**	**19.60**	**22.80**	**23.70**	**24.15**	**42.30**	**42.80**
849-F	**48″**	**21.20**	**25.40**	**26.45**	**27.00**	**45.05**	**45.60**
849-G	**60″**	**24.85**	**29.40**	**30.70**	**31.35**	**49.30**	**49.95**
849-H	**72″**	**27.35**	**32.80**	**34.40**	**35.15**	**52.95**	**53.75**
849-J	**84″**	**32.05**	**38.35**	**40.20**	**41.15**	**58.80**	**59.75**
***850-G**	**60″**	**24.85**	**29.40**	**30.70**	**31.35**	**49.30**	**49.95**
***850-H**	**72″**	**28.00**	**33.40**	**35.00**	**35.80**	**53.60**	**54.40**
***850-J**	**84″**	**32.05**	**38.35**	**40.20**	**41.15**	**58.80**	**59.75**

* **METAL BREAD BOXES** can be fitted in the left end Cupboard Section of Base Units only for **$1.35** extra. Specify **BB** after number of Unit when ordering.

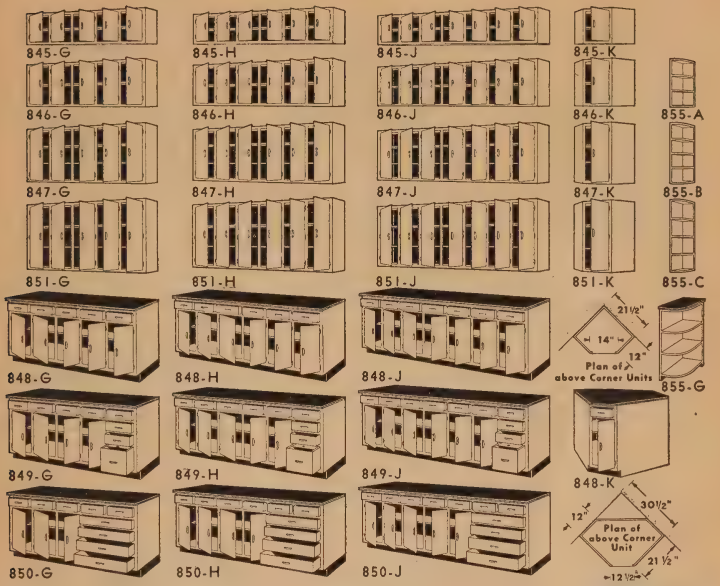
Large square Drawers, where shown in illustrations above, are 10⅜″ wide x 17⅝″ deep x 10″ high Metal Lined for Bread or Pastries.

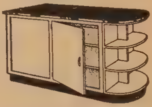
Back Splashers 1″ to 11″ high same price as 12″. Back Splashers 13″ to 17″ high same price as 18″. We recommend 15″ but always ship 12″ unless otherwise specified.

Price with **Sink** and **Fittings** includes **24x16″** Porcelain Enameled Sink Bowl **6″** deep installed in Top complete with Chrome Plated Crumb Cup Strainer and Swinging Spout Faucet. See illustration at bottom of page 156. Sinks can be placed to right or left of Top but are always centered unless otherwise specified. The two drawers immediately in front of Sink are replaced by two Louvre Ventilators.

FOR REAL KITCHEN *Economy*

Completely Finished—Ready to Use





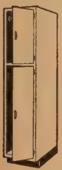
ROUND END DIVIDER BASES—Illustration shows Right Hand.

Specify Right or Left Hand on order.

No.	Width	Depth	Height	Price without Top	Price with Linol'm Top
852-F	48"	24"	36"	**$26.30**	**$32.15**
852-G	60"	24"	36"	**29.20**	**35.05**

SINK FRONTS (see page 154)—**35"** high—can be cut down as much as **4"** in width

No.	Width	Description	Price
853-A	**21½"**	Sink End—Specify **Right** or **Left** Hand	**$2.15**
853-C	**26"** to **32"**	2 Doors with 2 Louvre Vents above	**5.60**
853-D	**32"** to **33"**	2 " " 2 " " "	**6.25**
853-E	**38"** to **44"**	3 " " 3 " " "	**7.60**
853-F	**44"** to **48"**	4 " " 4 " " "	**9.65**



BROOM CABINETS

—2 doors hinged at right (unless specified to be hinged at left)

No.	Width	Depth	Height	Price
854-A	15¼"	12½"	81"	**$12.00**
854-C	18"	12½"	81"	**14.45**
854-D	18"	21½"	81"	**16.90**
854-E	15¼"	12½"	84"	**12.25**
854-F	15¼"	21½"	84"	**16.90**
854-G	18"	12½"	84"	**14.75**
854-H	18"	21½"	84"	**17.20**

OPEN CORNER SHELVES—See upper right hand corner of this page

No.	Size		Price
855-A	**6x12"**	Use with **24"** high Wall Units	**$4.10**
855-B	"	" " **30"** " " "	**4.70**
855-C	"	" " **36"** " " "	**5.60**
855-D	**12x12"**	" " **24"** " " "	**5.00**
855-E	"	" " **30"** " " "	**6.15**
855-F	"	" " **36"** " " "	**7.00**
855-G	**12x21½"**	*Use with any Base Units (Specify **Right** or **Left**)	**7.00**

*Add **12"** to length of Linoleum Covered Top and Back Splasher if used with a Base Unit.

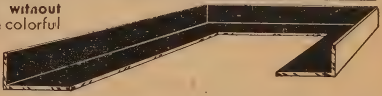
FILLER STRIPS 6" wide completely finished for use in grouping Units—Prices each

For Wall Units 18" high . . **$1.05** 24" high . . **$1.20** 30" high . . **$1.35** 36" high . . **$1.45**

For Base Units 35" high straight . . . . . . **$1.35** Recessed outside corner **2.65**

Extra Polished Chrome Handles, each **20c**

1 PIECE STRAIGHT or "L" or "U" SHAPED TOPS for ECONOMY CABINETS



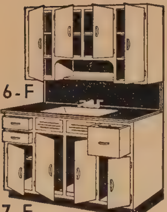
For groups of Economy Base Units purchased without Tops. ¾" thick plywood Aluminum bound with colorful Linoleum Inserts to match Top. Covered with Armstrong Linoleum—Choice of **5** colors—see page 153. **"L"** or **"U"** shaped Tops should be measured along **back** edge.

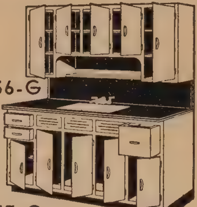
Prices per Top lengths up to	72"	84"	96"	108"	120"	144"
Flat Top, **24"** wide	**$12.75**	**$14.90**	**$17.00**	**$19.15**	**$21.25**	**$25.50**
Top with Back Splasher up to **12"** high	**22.30**	**26.05**	**29.75**	**33.45**	**37.20**	**44.65**
" " " " " " **18"** "	**25.50**	**29.75**	**34.00**	**38.25**	**42.50**	**51.00**
" " " " " " **24"** "	**28.70**	**33.45**	**38.25**	**43.05**	**47.80**	**57.40**
Deduct if Back Splashers do not have Aluminum Binding on top edge	**1.60**	**1.85**	**2.15**	**2.40**	**2.65**	**3.20**

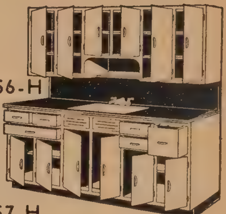
For Single or Double Bowl Sinks installed in any Linoleum covered Top see bottom of next page.

Economy KITCHEN CABINETS

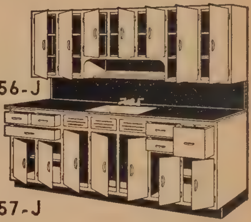
Completely Assembled Units


856-F
857-F


856-G
857-G

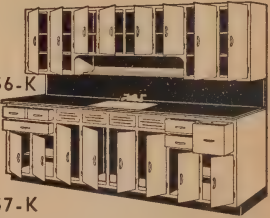

856-H
857-H

Come in 5 sizes only for use on walls without windows. The Wall Units are completely assembled ready to put in place and are intended to rest on the top of the Back Splashers of the Base Units. The latter also come completely assembled with Armstrong Linoleum Covered Tops 24″ deep and Back Splashers 12″ to 18″ high. The edges are trimmed with Aluminum Binding having colorful Linoleum Inserts to match the Tops. Sinks are mounted in the center with Fittings installed as described below. Sink Compartments on these Units have Backs, Bottoms and 1 shelf each and are an integral part of the Base Unit. Construction and finishes are exactly the same as the Individual Units described and priced on the 2 preceding pages and Assembled Units can be used in group arrangements with them.


856-J
857-J

ASSEMBLED WALL UNITS—30″ high x 12½″ deep with Open Shelf 6″ deep in the center

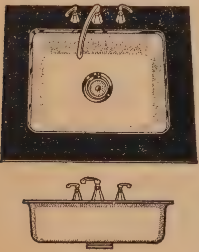
No.	Width	Wt. (lbs.)	Prices
856-F	**48″**	75	**$13.20**
856-G	**60″**	80	**16.10**
856-H	**72″**	95	**19.00**
856-J	**84″**	104	**22.20**
856-K	**96″**	115	**24.55**


856-K
857-K

ASSEMBLED BASE UNITS—36″ high by 21½″ deep—Tops are 24″ deep

No.	Width	Wt. (lbs.)	Prices **without** Tops	Prices **with** Linoleum Tops	Linoleum Tops **and** 12″ high Splashers	Linoleum Tops **and** 18″ high Splashers	Tops, 12″ Splashers, **Sinks** and **Fittings**	Tops, 18″ Splashers, **Sinks** and **Fittings**
857-F	**48″**	148	**$21.80**	**$26.00**	**$27.05**	**$27.55**	**$45.65**	**$46.15**
857-G	**60″**	164	**24.85**	**29.40**	**30.70**	**31.35**	**49.30**	**49.95**
857-H	**72″**	190	**29.80**	**35.25**	**36.80**	**37.60**	**55.40**	**56.20**
857-J	**84″**	198	**31.30**	**38.20**	**40.05**	**41.00**	**58.65**	**59.60**
857-K	**96″**	210	**37.30**	**43.95**	**46.05**	**47.15**	**64.65**	**65.70**

Sinks and Fittings where shown are installed in the Sink Tops and consist of **24x16″** Single Bowl Sink illustrated below, together with Crumb Cup Strainer and Mixing Faucet.



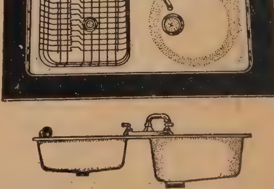
SINGLE BOWL SINKS

24x16″ Porcelain Enamelled Sink Bowl 6″ deep with Chromium Plated Crumb Cup Strainer and Deck Type Swinging Spout Mixing Faucet.

If **SINGLE BOWL SINK** with **FITTINGS** is wanted **installed,** specify plainly on order and add to price of any Base Unit (**30″** wide or wider) with Linoleum Covered Top shown on the two preceding pages.................................**$18.60**
Weight of Single Bowl Sink is 25 lbs.

Sinks can be placed to right or left of Top but are always centered unless otherwise specified. The drawers immediately in front of Sinks are replaced by Louvre Ventilators.

EBCO DISHWASHING SINKS



32x20″ Cast Iron finished in acid-resisting White Porcelain Enamel. Dish Pan **16″** diameter by **7¾″** deep at right, Draining Compartment **16″** square by **5″** deep at left. The Chromium Plated Swinging spout Mixing Faucet and Hose Spray Fixture are compactly and conveniently mounted on the integral flat ledge at back of Sink. No inaccessible wall piping is necessary, and there are no fixtures to be mounted on back splasher. Back ledge has recessed soap dish. Equipped with the large, easily cleaned Duo-Strainer, the convenient rubber-dipped Draining Basket and handy concealed Spray Fixture.
If **DISHWASHING SINKS** with **FITTINGS** are wanted **installed,** specify plainly on order and add to price of any Base Unit (**36″** wide or wider) with Linoleum Covered Top shown on the 2 preceding pages.**$46.75**
Weight of Dishwashing Sink Unit 110 lbs.

If **DISHWASHING SINK** and **FITTINGS** are wanted where **Single Bowl Sink** and **Fittings** are included either with the Base Units above or on the 2 preceding pages, **add** only **$28.15.**

KITCHEN VENTILATING FANS

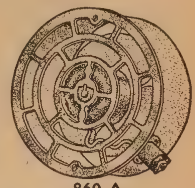
Now Considered an Absolute Necessity

Carry off heat, steam, greasy fumes and objectionable cooking odors from Kitchens and Kitchenettes. Needed in Rumpus Rooms, Rathskellers, Laundries and Garages. Eliminate "sweating" or "frosting" of windows due to condensation of excess moisture.

- **Operate on regular house lighting circuits of 110-120 Volt A. C.** ●
- **Consume no more current than an ordinary 40-watt light bulb.** ●
- **Give the average Kitchen a complete air change every 3 minutes.** ●

THIMBLE MODEL

For Installation in Chimney Flue or Air Duct

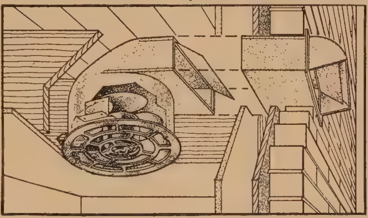


860-A

Grille is 11¾" in diameter, and is of Cast Iron in White Durenamel. Sleeve is 10½" in diameter x 5" long of 20 gauge steel, primed. Fan has 10" Blades and R. & M. Motor with separable connector plug. Should be controlled by a wall switch (not included). Grille, Motor and Fan assembly are all quickly removable for cleaning. Can be used for either **ceiling** or **wall** installation. Weight 11 lbs. Individually carton packed. No. **860-A**.......................... **$\$9^{80}$** each

CEILING Model with WALL LOUVRE

For Installation Directly Over Kitchen Stove



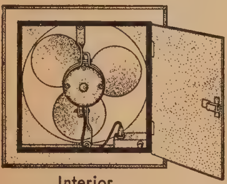
CEILING UNIT

consists of 11¾" Cast Iron Grille in White Durenamel, 20 ga. steel Housing with Lug for attaching to joist and electrical Conductor Box. Automatic Louvre with tightly fitting Seat.

WALL LOUVRE

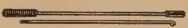
consists of Steel Wall Cap, Thru Wall Sleeve, Automatic Louvre with Weatherstripped Seat. Wall Opening required for Sleeve is 12¼" wide x 3¾" high.

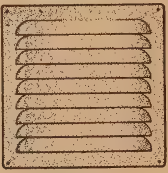
Note that there are two Louvres to prevent infiltration of air when Fan is not in operation—one is located between Housing and Duct, while the other is located at bottom of Wall Louvre. Both open automatically when Fan starts. Enclosed Robbins & Myers self-lubricating motor should be controlled by a wall switch (not furnished). Motor and Fan are attached to Grille which can be easily removed for cleaning. Connecting Duct (not furnished) should be a standard 3½x12" galvanized Heater Duct. Furnished for 10" joists unless specified "for 8" joists". Weight 17 lbs. Individually carton packed. No. **860-B**.. **$\$16^{60}$** Each



Interior

WALL MODEL with INSIDE DOOR and STATIONARY LOUVRE

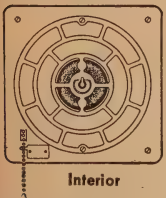




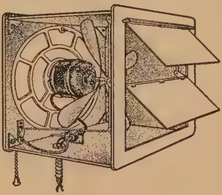
Exterior

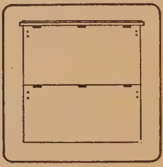
Square Metal Box 5½" wide, with integral bevelled Casing inside, is made from heavy auto body steel, electrically welded. Door and Casing is finished in gleaming White Durenamel; outside louvre panel is finished in Brown Durenamel. Door has air-tight sponge rubber Seat and Frame has sponge rubber backing to prevent infiltration of air around outside of box. Motor is suspended in rubber to eliminate noise or vibration and is totally enclosed, dustproof and self-lubricating. Fan has 10" quiet type blades with a capacity of 650 C.F.M. Motor and Fan are both quickly removed for cleaning. Momentary contact switch starts and stops the Motor with opening and closing of door. Operating Rod is always furnished for use in case Fan is mounted too high to reach otherwise. Requires a wall opening 11 x 11". Individually carton packed. Approved by the **Underwriters' Laboratories.** Weight 15 lbs. No. **860-C**........... **$\$13^{15}$** Each

WALL Model with INSIDE GRILLE and AUTOMATIC LOUVRE



Interior





Exterior

Cast Iron Frame and Exterior Shutters finished in dark gray Baked-on Enamel. Interior Grille finished with White Durenamel. Dustproof Robbins & Myers motor which is quiet and does not interfere with radio. 10" Fan Blade easily removable for cleaning. A pull on the Chromium Bead Chain opens Exterior Shutters and starts the motor or closes Shutter and stops the motor in one operation. Individually and securely carton packed, with installation instructions included. Wall opening 11"x11". Approved by the **Underwriters' Laboratories.**

Prices per Complete Unit — Ready to Install

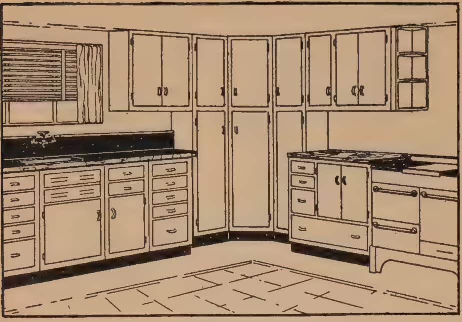
No.	Wall Sleeve Adjustable	Weight	Price
860-E......	6" to 11½"............	17 lbs...........	$15.60
860-F......	12" to 17½"...........	21 "...........	16.55
860-G.....	18" to 23½"...........	25 "...........	17.15

$\$15^{60}$ And Up

Shipments of less than 50 lbs. are made by **Express** unless Parcel Postage is included in remittance

Model Home KITCHENS

Completely Finished at the Factory



PUT THEM IN PLACE—THE JOB IS FINISHED

The saving in Carpenters' and Painters' time, which the use of these Units makes possible, is tremendous. Every Unit is completely assembled and beautifully finished. Doors and Drawers are carefully fitted and Hardware correctly applied. The Units are, in fact, pieces of Finished Furniture and come carefully and individually crated or carton packed. **LABOR SAVINGS** are **REAL SAVINGS** and in addition, the shortening of completion time on a job is always an important consideration.

FOR THE PREPARATION OF MEALS

The stove can be flanked on either side with Base Sections containing shelves and racks for pots, pans and cooking utensils and with continuous work tables or counter tops level with the stove top. Above this, within easy arm's reach, can be placed Wall Cabinets with storage shelves for bulk and packed foodstuffs of every description. Tilting Flour Bin and Sifter can be included with Top Sections and the metal Bread or Pastry Drawers (included in all Base Sections 27" or more wide) can also be used as flour bins.

FOR THE STORAGE OF FOOD

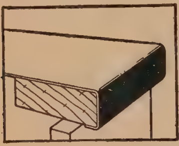
The refrigerator can have Storage Cabinets above and Broom and Sweeper Cabinets on either side. The corners, too, can be utilized by large, roomy Corner Cabinets (which should have Broom or Dish Cabinets immediately adjoining on either side) so that the entire kitchen whether straight, "L" or "U" shaped will present a continuous, unified appearance of Gleaming White. When the Doors and Drawers are closed and the Counter Tops cleared, everything is out of sight and in its place.

SPECIFICATIONS

Hardwood thruout with 3 ply hardwood panels in backs, bottoms and drawer bottoms. Ends in Bases and Utilities are panelled, while those in Top Sections are solid. Shelves are solid. Doors and Drawer Fronts are Flush with Lipped Edges so that they present a modern appearance, are easy to clean and make a tight fit when closed.

CHOICE OF 6 COLORS

Satin **WHITE ENAMEL** inside and out. The finish is sprayed on under ideal factory conditions (a 3-coat job) and the result is a beautiful surface that never requires refinishing. **LIGHT IVORY, DARK IVORY, CORAL, PALE GREEN** or **DUTCH BLUE** (see page 171) or combinations of them (Doors and Drawer Fronts in one, Cases in another) can be supplied at no extra expense on special order. Can also be furnished **UNFINISHED** with only a clear sealer coat, but no guarantee can be made of a uniform color as hardwood lumber contains light and dark streaks. Wood drawers are varnished inside in all cases.

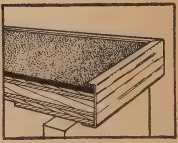


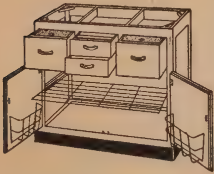
PORCELAIN TOPS

White with black edges 1" thick. Stain-proof and perfectly smooth without depressions. They are moulded on a wood sub-frame for ease in securing to the Bases and have rounded corners and pencil edges. The tops are flush on each edge and overhang 1" in back and 1½" in front. They can be butted together, but for groups of units we recommend Special or Custom-made Porcelain Tops which are available in a number of beautiful colors. See page 165.

STOCK LINOLEUM TOPS

Standard gauge Linoleum in **PLAIN BLACK, CHERRY RED, CORONATION BLUE** or **MARBLEIZED** in **IVORY** and **RED** or **BLACK** and **WHITE** (see page 171) is cemented to a Plywood Base. There is no extra charge for any of these colors, but Black is always furnished unless otherwise specified. The edges are covered with Stainless Steel Binding 1¼" high. Linoleum Tops are resilient and soft, yet easily kept clean and are coming into greater demand every day. Linoleum Tops with acid-resisting Porcelain Enameled Sinks *installed* are also available. These Sink Tops have 6" high Linoleum Back Splashers and can be furnished with chromium plated Swinging Spout Faucets and Crumb Cup Strainers.





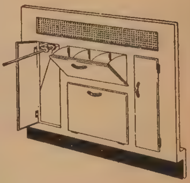
Standard Equipment
of
Model Home Base Units

BASE SECTION WITHOUT TOP

Showing Metal Pastry Drawers at each side, Cutlery Drawer (top center), Storage Drawer (below it), and Sliding Wire Shelf. Pan Racks are provided on inside of most storage compartment doors.

TOWEL DRYING SINK FRONTS

Have Metal Cane Grille for ventilation at top and sliding chromium plated Towel Rods behind Doors on either side. In the center, the bottom Door gives access to storage space under the Sink, while the top Door pulls down to disclose a 3 part metal Tray for soap flakes or cleaning materials.



These can be furnished for the "Model Home" Cabinets *only*

SPECIAL OR CUSTOM-MADE CABINET OR SINK TOPS

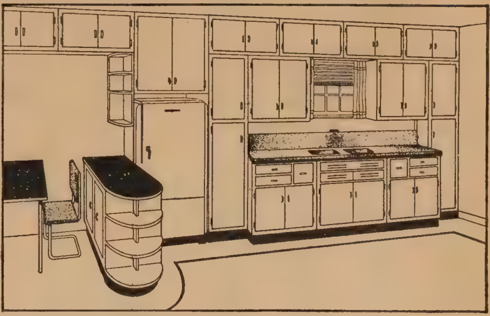
Where these are to be used, the Base sections should be purchased "Without Tops" and a single continuous top with Sink Bowl can then be made to fit the exact finished dimensions. This is the ultimate in kitchen beauty and satisfaction. See Pages 164-165 for Custom-made Tops in Stainless Steel, Linoleum and either White or Colored Porcelain.

MAKE HOUSEKEEPING A JOY

Fully Equipped • Ready To Use

STANDARD UNITS FIT ANY KITCHEN ARRANGEMENT

Our full range of interchangeable units can be adapted to any size or shape of Kitchen—large or small. The units can be arranged around Stove, Sink and Refrigerator, as well as Door and Window openings, so that not a foot of space is lost and so as to secure the greatest possible efficiency and saving of labor. Another important point to remember is that Units can be rearranged or "added to" as future needs require.



FOR DINETTES OR BREAKFAST NOOKS

A Round End Base Unit with open shelves can be used to divide off one corner of the Kitchen to form an attractive yet conveniently located Dining Alcove. Dishes can be passed over or set out on the Linoleum Covered Top which is standard counter height—36″.

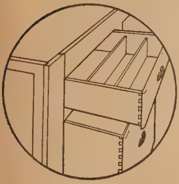
FOR DISHWASHING

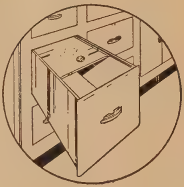
The Sink can be surrounded with Dish Cabinets for china and glassware, Drawers for silver and cutlery, and Cupboards for electric appliances. The space directly under the Sink can be enclosed with doors to present a uniform appearance and yet provide space for garbage and trash cans—out of sight. Double Bowl Sinks make dishwashing a lot easier.

INSTALLATION OF THE UNITS

This is an extremely simple matter. The units come completely set up, perfectly square and true, with hardware applied and are completely finished inside and out. They should be screwed to the wall and bolted together with wing bolts which we furnish and for which holes are partially drilled. A space of about 16″ should be left above counter top, although this can be varied to suit ceiling height. Top Sections are 18″, 24″, 30″ and 36″ high and two Top Sections can be used one above the other where ceiling height permits or requires. Where Corner Units are used, they should be installed first. Trim strips can be used to cover up joints with walls or ceilings which are not plumb. If floors are not level, the Bases should be wedged-up, particularly if a Continuous Sink or Counter Top is to be used.

SOME OF THE FINER DETAILS





Hardwood Throughout

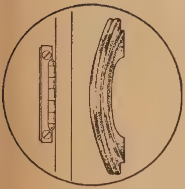
Dovetailed Drawers designed for hard usage with 3-Ply Drawer Bottoms. Hardwood slides carefully sanded and fitted to work easily. Cutlery drawer is partitioned off.

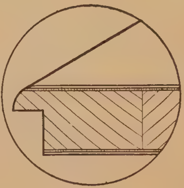
Metal Pastry Drawer

For bread and pastry. Equipped with automatic stop to prevent drawer falling out and sliding, close fitting, ventilated cover. Can be used for storage of flour, etc., in bulk, as it is absolutely vermin-proof.

Flush Doors

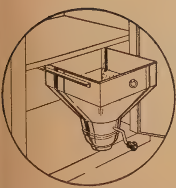
Constructed of Hardwood Plywood with edges slightly rounded, lip fronts and rabbetted at center so as to be dust-tight when closed. **Model Home** Cabinets have doors full ⅞″ thick, 5-ply with hardwood lumber cores and 1-piece faces—no joints to open and cause even a hair line crack in the finish.

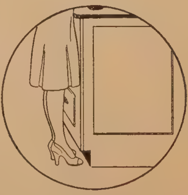




Hardware

The Door Pulls and Hinges are rust resisting steel, Chromium Plated, modern in design yet easy to grasp and secure to use. RED, BLUE or BLACK Enamelled Pulls can be furnished for a small extra charge. The hinges are heavy gauge, semi-concealed. Single doors can be furnished to hinge at opposite side (no extra charge) when so specified.





Flour Bin and Sifter

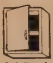
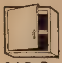
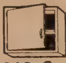
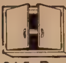
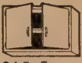
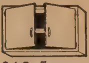
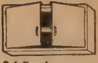
Holds 12 lbs. and when in extended position is ready for use. A door closes in front of it when not in use. Can be furnished for Wall Units over 12″ and under 60″ wide only.

Toe Room

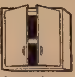
3½″ high x 1½″ deep. An indispensable feature which enables one to stand up close to the cabinet and also keeps the cabinet from being scuffed at bottom.

See next page for sizes and prices of units described above and on opposite page.

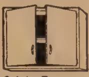
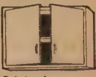
Model Home CABINETS

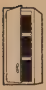
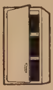
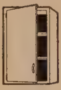
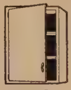
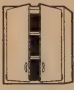
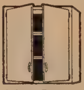
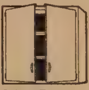
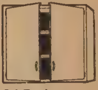

865-A

865-B

865-C

865-D

865-E

865-F

865-J

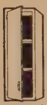
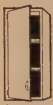
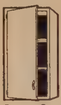
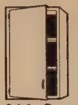
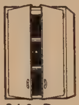
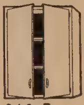
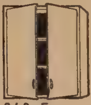
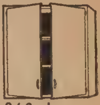
Single Swing Doors can be furnished **Reversed**—that is, hinged on the opposite side from that shown in the illustrations—at no extra charge when so specified on order.

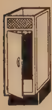
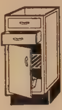
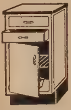
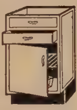
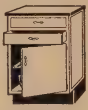
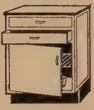
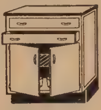

866-D

Flour Bins can be furnished for Wall Units see below.

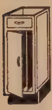
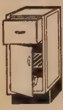
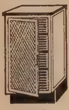

866-F

866-J


867-X

867-A

867-B

867-C

867-D

867-E

867-F

867-J

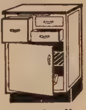
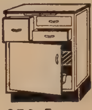
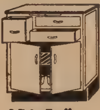
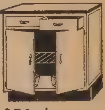

868-X

868-A

868-B

868-C

868-D

868-E

868-F

868-J

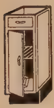
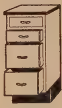
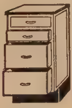

869-X

869-A

869-B

869-C

869-D

869-E

869-F

Shallow Top drawers have hardwood partitions for silver and cutlery.

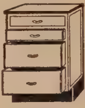

870-X

870-A

870-B

All **square** Drawers are metal lined with metal lids for Bread or Pastry.

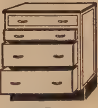

870-D *

870-E *

870-F *

870-J


871-X

871-A

871-B

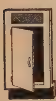
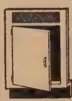
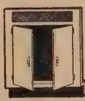
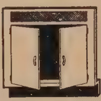
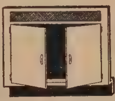
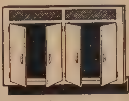
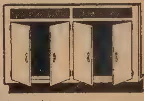
Sink Fronts below have Metal Cane Ventilating Grilles.


871-D

*Base Units so indicated are furnished **Reversed** at same price if so specified.


871-F

All drawers are dovetailed and come Varnished on the inside.








878-B 878-D 878-F 878-G 878-J 878-K 878-M 878-N

WALL UNITS—All 12½" deep, with 1 or 2 fixed shelves as noted below

No.	Size	Price	No.	Size	Price	No.	Size	Price	No.	Size	Price
						867-X	12x30"	**$8.25**	**868-X**	12x36"	**$9.75**
865-A	15x18"	**$6.50**				**867-A**	15x30"	**8.85**	**868-A**	15x36"	**10.35**
865-B	18x18"	**7.10**				**867-B**	18x30"	**9.45**	**868-B**	18x36"	**10.90**
865-C	21x18"	**7.65**				**867-C**	21x30"	**10.05**	**868-C**	21x36"	**11.50**
865-D	24x18"	**8.85**	**866-D**	24x24"	**$10.05**	**867-D**	24x30"	**11.50**	**868-D**	24x36"	**13.00**
865-E	27x18"	**9.45**				**867-E**	27x30"	**12.10**	**868-E**	27x36"	**13.55**
865-F	30x18"	**10.05**	**866-F**	30x24"	**11.20**	**867-F**	30x30"	**12.70**	**868-F**	30x36"	**14.15**
865-J	33x18"	**10.60**	**866-J**	33x24"	**11.80**	**867-J**	33x30"	**13.30**	**868-J**	33x36"	**14.75**
865-G	36x18"	**11.20**	**866-G**	36x24"	**12.40**	**867-G**	36x30"	**13.85**	**868-G**	36x36"	**15.35**
865-H	40x18"	**13.30**				**867-H**	40x30"	**15.95**	**868-H**	40x36"	**17.40**
865-K	42x18"	**13.00**	**866-K**	42x24"	**14.15**	**867-K**	42x30"	**15.65**	**868-K**	42x36"	**17.10**
865-M	48x18"	**14.45**				**867-M**	48x30"	**17.10**	**868-M**	48x36"	**18.60**
865-L	Corner	**10.60**				**867-L**	Corner	**13.00**	**868-L**	Corner	**14.45**

Wall Units 18" and 24" high have **1 Shelf;** those 30" high and 36" high **2 Shelves.**
FLOUR SIFTER BIN of 12 lbs. capacity can be furnished for any Wall Unit over 12" wide on pages 160-161 for **$2.10** extra. Be sure to specify **FS** after number of Unit when ordering.
CORNER WALL UNITS measure 22½" along each wall.

BASE UNITS–36" high by 22½" deep–Porcelain Tops 25"–Linoleum Tops 24" deep

No.	Width	Prices with Tops Omitted	Prices with Porc'n Tops	Prices with Linol'm Tops
***869-X**	12"	**$13.55**		**$17.40**
869-A	15"	**11.80**		**15.95**
869-B	18"	**12.70**	**$15.05**	**17.10**
869-C	21"	**13.55**		**18.30**
869-D	24"	**14.45**	**17.10**	**19.45**
869-E	27"	**15.35**	**18.70**	**20.65**
869-F	30"	**16.80**	**19.80**	**22.40**
869-K	42"	**19.20**	**23.20**	**26.55**
***869-M**	48"	**20.05**	**24.90**	**28.30**
869-L	Corner	**19.45**	**26.85**	**28.90**

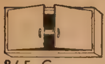
*Furnished **reversed** same price when specified.

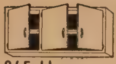
No.	Width	Prices with Tops Omitted	Prices with Porc'n Tops	Prices with Linol'm Tops
870-X	12"	**$13.00**		**$16.80**
870-A	15"	**12 70**		**16.80**
870-B	18"	**13.85**	**$16.25**	**18.30**
***870-D**	24"	**15.65**	**18.30**	**20.65**
***870-E**	27"	**16.50**	**19.90**	**21.85**
***870-F**	30"	**18.00**	**21.00**	**23.60**
870-J	33"	**16.50**		**22.55**
870-G	36"	**20.65**	**23.85**	**27.15**
***870-H**	40"	**23.60**	**27.00**	**30.70**
870-K	42"	**22.40**	**26.45**	**29.80**
***870-M**	48"	**24.80**	**29.60**	**33.05**
871-X	12"	**11.20**		**15.05**
871-A	15"	**13.00**		**17.10**
871-B	18"	**13.55**	**15.95**	**18.00**
871-D	24"	**15.35**	**18.00**	**20.35**
871-F	30"	**17.10**	**20.10**	**22.70**
871-M	48"	**21.25**	**26.10**	**29.50**

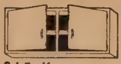
No. **869-X** has 4 sliding Towel Drier Bars.
No. **870-X** has divisions for 4 serving trays.
No. **870-B** has 4 sliding wire vegetable baskets and ventilated grille door.
Use No. **869-M** Base Unit for "L" or "U" shaped Cabinet Installations.
Square Drawers are metal lined with ventilated, sliding metal lids for pastries or bread.
Each Base has one Cutlery Drawer with hardwood partition.

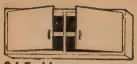
MAIL US YOUR LIST FOR ITEMIZED DELIVERED PRICES

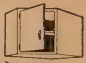
HELP MAKE *Model Homes*

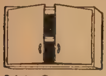

865-G


865-H

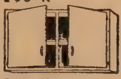

865-K


865-M

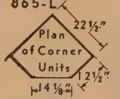

865-L

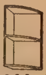

866-G

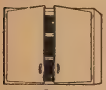
Door Pulls are polished Chrome or can be furnished enamelled Red, Blue or Black.

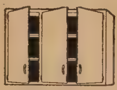

866-K

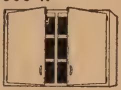
With Corner Wall Units "L" or "U" shaped installations can be made with no lost space.

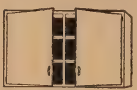


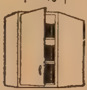

880-A

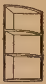

867-G

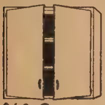

867-H

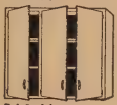

867-K

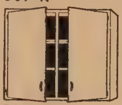

867-M

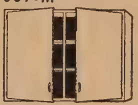

867-L

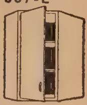

880-B

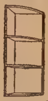

868-G


868-H

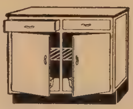

868-K

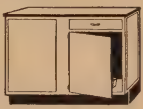

868-M

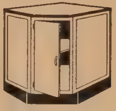

868-L

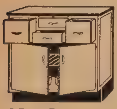

880-C

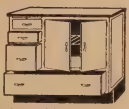
Most Cupboard Compartments have sliding wire shelves and there are wire pan racks on the inside of the doors in most cases. These are omitted on Bases designed for Pantry use.

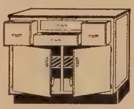

869-K

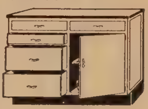

869-M *

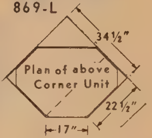

869-L


870-G


870-H *

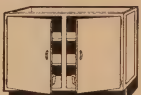

870-K

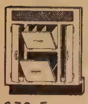

870-M *

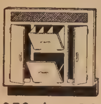


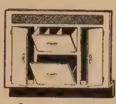
The 3 **Towel Drying** Sink Fronts shown below have metal cane grilles for ventilation. Sliding Towel Rods are located behind the Doors on either side. Bottom Door gives access to storage space while top Door is a tilting metal soap tray.

Sink End below comes either right or left hand.


871-M

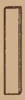

879-F

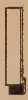

879-J

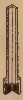

879-G

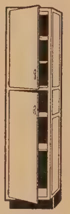
879-K

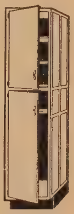
880


881-D


881-E


881-F


872-A


874-B

UTILITY UNITS—81" line with 30" Wall Units; 87" line with 36" Wall Units

No.	Description					Price
872-A	Dish Unit	5 Shelves	15" wide	x 81" high	x 12½" deep	$17.70
872-B	“	5 “	18" “	81" “	12½" “	18.90
873-B	Broom Unit	3 “	18" “	81" “	12½" “	17.70
874-B	“	4 “	18" “	81" “	22½" “	25.95
874-D	“	4 “	24" “	81" “	22½" “	28.30
874-L	Corner Unit	4 “	15½" “	81" “	22½" “	23.60
875-B	Dish Unit	5 “	18" “	87" “	12½" “	20.05
876-B	Broom Unit	3 “	18" “	87" “	12½" “	18.90
877-B	“	4 “	18" “	87" “	22½" “	28.30
877-D	“	4 “	24" “	87" “	22½" “	30.70

CORNER UNIT measures **23½"** along each wall. Any of above can be furnished reversed (door hinged on opposite side) at same price when so specified on order.

SINK FRONTS—35" high, with Grilles at top, can be cut down 4½" in width

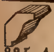
No.	Description	Width	Price	No.	Description	Width	Price
878-B	1 Door	22½"	$5.80	878-N	2 Prs. Doors	58½"	$10.90
878-D	1 “	28½"	6.15	879-F	Towel Drying	34½"	9.75
878-F	1 Pr. Doors	34½"	7.00	879-J	“ “	37½"	10.60
878-J	“ “	37½"	7.50	879-G	“ “	40½"	11.80
878-G	“ “	40½"	7.95	879-K	“ “	46½"	13.00
878-K	“ “	46½"	8.45	880—Sink End 24" Wide— Specify Right or Left			2.65
878-M	2 Prs. Doors	52½"	10.35				

Any Sink Fronts can be furnished with **Metal Cane Grilles** in Doors at **$1.75** per door extra.

DRAWER and **DOOR PULLS** in **COLOR**
Red, Blue or **Black,** add, each.............12c
(Specify plainly on order when wanted).
Extra Colored Pulls, each.................30c

Extra **Chromium Plated Hardware** to match that regularly furnished on cabinets.
Hinges, each...**23c** Catches, each...**20c**
Drawer and Door Pulls, each..............**30c**

OPEN CORNER SHELVES, FINISHED MOULDINGS AND FILLER STRIPS


881-A

881-B

881-C

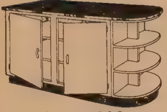
No.	Description	Price
880-A	Open Corner Shelf...12½x12½x24" high, 3 Shelves	$4.15
880-B	“ “ “ ... “ “ 30" “ 4 “	4.70
880-C	“ “ “ ... “ “ 36" “ 4 “	5.30
881-A	Finished Crown Mould ¾"x1¾" in 5' or 10' lengths, per lineal foot	.12
881-B	“ Cove Mould ¾"x⅞" “ 5' “ 10' “ “ “ “	.06
881-C	“ Cover Strip... ⅝"x⅞" “ 5' “ 10' “ “ “ “	.06
881-D	“ Filler Strip....¾x3x36" for Wall Units...per piece	.80
881-E	“ “ “ ....¾x6x35" Bottom recessed for toe room.. “ “	1.50
881-F	“ Corner Fillers. 1½x1½x35" “ “ “ “ “ .. “ “	1.50

Continued on next page)

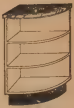
Model Home CABINETS

Continued from Preceding Pages

ROUND END DIVIDER BASES


887 or 888

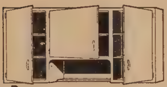
Used to separate or divide the cooking from the dining space in the kitchen. Round end open shelves can be attached at either right or left hand side. Same height as all other Base Units and have 2 full width interior shelves. Very convenient adjoining a Breakfast Nook or Dinette. Toe Space under both sides and round end. Weight 155 lbs.

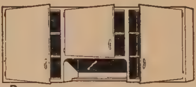

889

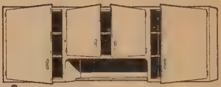
No.	61½" long, 22½" wide, 36" high	Top Omitted	Wit Linoleum Top
887	2 Doors on front only, back is solid panelled	$29.50	$44.85
888	2 Doors on front, 1 Door at left or right side of back	34.90	50.35
889	**Open Corner Base** — 22½" along each side, 3 quarter round shelves — 35" high, without Top		12.70
889	" " " — 22½" along each side, 3 quarter round shelves — 36" " with Linoleum Top		20.65

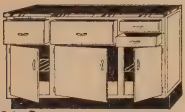
Always send sketch (floor plan) showing relative positions of Doors and Round End.

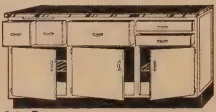
COMPLETELY ASSEMBLED UNITS

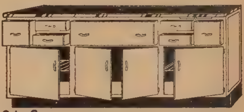

890-P


890-R


890-S

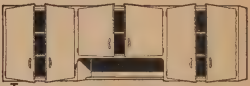

891-P


891-R


891-S

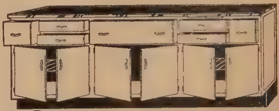
ASSEMBLED WALL UNITS—30" high 12½" deep—6" open shelf at center

No.	Width	Weight (lbs.)	Prices
890-P	60"	130	$20.05
890-R	72"	135	23.00
890-S	84"	170	25.95
890-T	96"	200	30.10


890-T

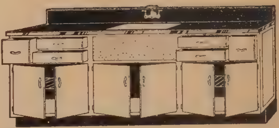
ASSEMBLED BASE UNITS—36" high without Back Splasher—Top 24" deep

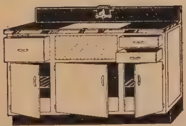
No.	Width	Top Omitted		Complete with Linoleum Top
891-P	60"	$30.10	Wt. 150 lbs.	$40.40
891-R	72"	34.20	" 180 "	46.90
891-S	84"	39.55	" 205 "	54.60
891-T	96"	48.40	" 245 "	65.80

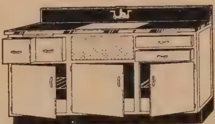

891-T

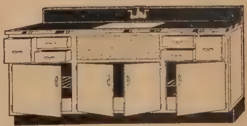
ASSEMBLED SINK UNITS—36" high with 6" Back Splasher—Top 24" deep

No.	Width	No Top or Sink		Linoleum Top, Sink, Strainer and Faucet
892-P	60"	$28.30	Wt. 260 lbs.	$66.40
892-R	72"	32.45	" 300 "	73.45
892-S	84"	37.75	" 340 "	81.70
892-T	96"	46.60	" 380 "	93.50


892-T


892-P


892-R


892-S

Note—Flour Sifter Bins **cannot** be furnished for any Wall Units on this page.

SINK BOWLS are **24x18"** White Acid-Resisting Porcelain on Steel and come equipped with Swinging Spout Faucet for Back Splasher mounting and Crumb Cup Strainer, Chromium Plated.

For **32x18" Double Bowl** Sink (Cannot be furnished for Bases under 72" wide) add $10.50

For **Deck Type** Swinging Spout Faucet and **Spray,** add 8.85

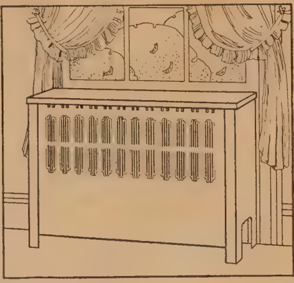
For **32x20" EBCO Dishwashing Sink** complete with **fittings** as described and illustrated at bottom of page **156,** add 46.75

LINOLEUM TOPS are as described on page 158—choice of **5** colors.

DOORS of Wall Units are eauipped with Package Holders and Compartments of Base Units have Sliding Shelves. Metal Cane Grilles are placed in front of all Sink Bowls. Each Base Unit has a metal lined Bread Box with ventilated Lid and a Cutlery Drawer partitioned off.

METAL RADIATOR ENCLOSURES

Rigidly Constructed — Factory Finished

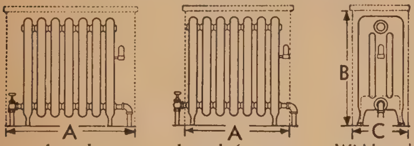


- **EFFICIENT.** They direct the heat waves **away** from the wall and **toward** the center of the room, thus insuring a more uniform heat distribution and a saving in fuel.
- **ECONOMICAL.** They eliminate the smoky smudge which forms on the wall and ceiling above an unprotected Radiator. They save much redecorating expense and damage to Drapes and Curtains.
- **HEALTHY.** When provided with Humidifier Pans (see below) they keep the room atmosphere moist and pleasant, eliminating objectionable and wasteful dry heat.
- **BEAUTIFUL.** They speak for themselves. Compare their appearance with that of the average dusty bronzed radiator! They are easy to wipe off and provide an attractive Window Ledge or Book Shelf since tops are insulated.

CHOICE OF SIX ATTRACTIVE COLORS

White—Ivory—Light Green—Walnut—Light Oak—Red Mahogany—See Page 172

How to Measure For Radiator Enclosures



Length (all parts covered) **Length** (connections exposed) **Width and Height**

Add 1″ to 2″ to actual overall length, height and width of radiator for clearance.

They are made of high grade heavy gauge Furniture Steel, capable of sustaining a weight of 1000 pounds and are finished with Baked-on Enamel. In addition, they are given a protective coating of the new synthetic Baking Varnish. They are furnished in collapsible form for ease of installation and for convenience when cleaning radiators. The Tops are insulated. Side and ends of all covers are cut 6 inches high unless otherwise specified.

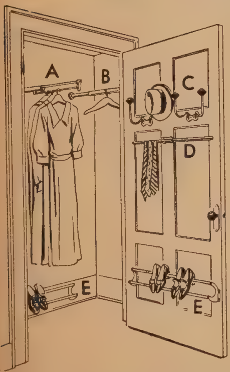
PRICE LIST—STANDARD SIZES—No. 861

Lg. Ht. A B	**Wd.** C	Wt. Lbs.	**Price**
24 x 22	8 or 11″	30	**$7.25**
30 x 22	“	34	**8.38**
36 x 22	“	37	**9.00**
42 x 22	“	41	**9.69**
48 x 22	“	45	**10.44**
60 x 22	“	53	**11.88**
72 x 22	“	60	**13.44**
30 x 24	“	35	**8.75**
36 x 24	“	39	**9.13**
42 x 24	“	43	**9.81**
48 x 24	“	48	**10.56**
60 x 24	“	56	**12.00**
72 x 24	“	64	**13.56**
30 x 26	“	38	**9.00**
36 x 26	“	42	**9.81**
42 x 26	“	46	**10.69**
48 x 26	“	51	**11.25**
60 x 26	“	60	**12.75**
72 x 26	“	68	**14.44**
30 x 28	8 or 11″	41	**$9.19**
36 x 28	“	45	**10.13**
42 x 28	“	49	**10.94**
48 x 28	“	56	**11.69**
60 x 28	“	64	**13.13**
72 x 28	“	72	**14.75**
30 x 34	“	47	**10.38**
36 x 34	“	54	**11.69**
42 x 34	“	59	**12.56**
24 x 40	“	48	**10.81**
30 x 40	“	54	**11.69**
36 x 40	“	60	**12.63**
42 x 40	“	66	**13.44**
48 x 40	“	73	**13.94**
36 x 22	15″	41	**9.31**
42 x 22	“	45	**9.88**
48 x 22	“	49	**10.63**
60 x 22	“	58	**12.06**
72 x 22	“	67	**13.81**

INTERMEDIATE SIZES—Take price of next larger listed size and add **$2.35.** LARGER SIZES (up to **96″ long**)—Take price of nearest listed size and add **$2.35** plus **20c** per additional inch of length, height or depth. Humidifier Pans are 10% extra.

CLOTHES-CLOSET FIXTURES

Add Ten Times Their Cost to the Value of Any Home



Nickel-plated Finish—Carton Packed—Complete with Screws

CLOTHING CARRIER

No. **862-A**—Slides in and out on roller bearing rollers. A slight pull on the carrier brings the whole wardrobe out into the room, making clothing accessible for quick selection.

Prices Each

12″......**$1.39** 16″......**$1.58** 20″......**$1.78**

ADJUSTABLE CLOSET ROD

No. **862-B**—Will Not Sag under Heavy Weight. Ends can be attached to wall or over Hook Rail.

Prices Each

18″ to 30″..**79c** 30″ to 48″..**$1.19** 48″ to 78″..**$1.58**

DOUBLE HAT HOLDER

No. **862-C**—Keeps hats in perfect shape—**Off the Shelf**—Ebony black knobs. Arms swing to any position. Can be attached to door, wall or on shelf. Each............**59c**

NECK TIE RACK

No. **862-D**—Costs less than a tie. Keeps many ties orderly and accessible. 18″ long. Each....................**40c**

SHOE RACK

No. **862-E**—**Toe Guard** prevents shoes falling off even when rack is fastened to a swinging door. Adjustable from 18″ to 32″. Can be fastened to wall or base. Each.....**99c**

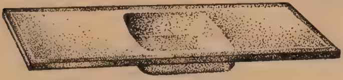
WRITE FOR CATALOG OF MANY OTHER CLOTHES-CLOSET FIXTURES

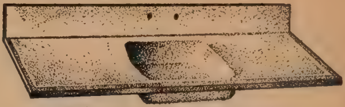
IMPORTANT — Clothes-Closet Fixtures are always shipped separately. Shipments of less than 50 lbs. are made by **Express** unless Parcel Postage is included in your remittance.

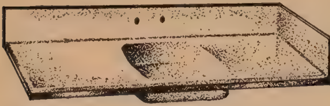
SINK AND CABINET TOPS

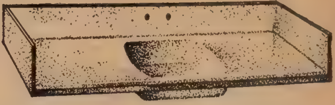
Stainless Steel – Linoleum – Porcelain

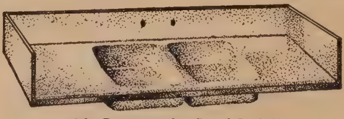
CUSTOM MADE TO EXACT SIZE


895 Cabinet Top without Bowl
896 Sink Top with Bowl


897 Sink Top with Back Splasher


898 Sink Top with Back and 1 End Splasher

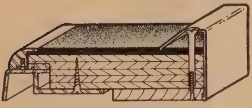

899 Sink Top with Back and 2 End Splashers


Double Rectangular Bowl Sink Tops

SINK TOPS

Linoleum Tops with either Plywood or Steel Bases can be furnished. Sink Bowls are bolted to the Bases with leak-proof Rubber Gasket joints. A continuous Aluminum Edging covers the joint entirely and makes a smooth rounded surface between the Sink and the Linoleum. Sink Bowls can be mounted at any designated point in the Tops, but unless otherwise specified, are always mounted in the exact center. Standard Sink Bowls for Linoleum covered Tops are Pressed Steel **24x18″** White, Porcelain, Acid-resisting Enamel and **do not** include plumbing fittings such as faucets and Strainers. Larger Single and Double Bowl Sinks can be furnished for extra charges shown below.

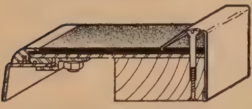
LINOLEUM TOPS on PLYWOOD BASES


Linoleum on Plywood

Constructed of ⅛″ Battleship Linoleum cemented to ¾″ 5-ply Water-proofed Plywood Cores. The edges are bound and trimmed with Stainless Steel Binding, Brushed Finish, which is raised ⅜″ to turn back surface water. Choice of **Black, Cherry Red, Brown or Black Marble Linoleum.** Black is most popular and is always shipped unless otherwise specified. See actual colors on page 171 or send for samples.

Back and End Splashers are also Linoleum covered and are bound and trimmed at edges with continuous Stainless Steel Binding, while the angle between Top and Splasher is covered with a rounded Aluminum Joint Mould.

LINOLEUM TOPS on STEEL BASES


Linoleum on Steel

The Bases are 16 gauge steel secured to wood underframes for convenience in mounting. End and Back Splashers are integral with the Tops. The entire surface of each Top is covered with ⅛″ Battleship Linoleum cemented to the Base to form a smooth resilient surface. The edges are bound and trimmed with Stainless Steel Binding, Brushed Finish, which is bolted right through Steel Base to wood frame. The Binding is raised ⅜″ to prevent overflow of surface water. The edges of Back and End Splashers are trimmed as described above and there is also the same choice of **Black, Cherry Red, Brown or Black Marble** Linoleum, although Black is the most popular and is always shipped unless otherwise specified. See colors on page 171.

PRICES per LINOLEUM SINK or CABINET TOP

	Made to Exact Size Number	Overall Size not exceeding 60x25	72x25	84x25	96x25	108x25	Add or Deduct for Each 6″
LINOLEUM on PLYWOOD							
Flat Cabinet Top, No Bowl, No Splashers*	895-A	$16	$18	$22	$24	$26	$1.00
Flat Sink Top with Bowl, No Splashers	896-A	34	37	40	44	47	1.50
Sink Top with **7″** Back Splasher only	897-A	38	42	46	49	54	1.50
“ “ “ “ “ and 1 End Splasher	898-A	39	44	47	52	55	1.50
“ “ “ “ “ and 2 End Splashers	899-A	40	45	49	53	57	1.50
LINOLEUM on STEEL							
Flat Cabinet Top, No Bowl, No Splashers*	895-B	$20	$23	$27	$30	$33	$1.50
Flat Sink Top with Bowl, No Splashers	896-B	41	45	49	53	57	2.00
Sink Top with **7″** Back Splasher only	897-B	46	51	56	61	66	2.50
“ “ “ “ “ and 1 End Splasher	898-B	47	52	58	63	68	2.50
“ “ “ “ and 2 End Splashers	899-B	49	54	59	64	69	2.50

*For Flat Cabinet Tops **with** Splashers, add same differential as shown for Splashers on Sink Tops. For Splashers 8 to 12″ high, add **5%** to price of Top with **7″** high Splasher; 13 to 16″ high, add **10%**. Splashers less than 7″ high same price as 7″.

For larger Single Bowl or for Double Bowl Sinks, add to any of above Sink Top prices as follows:

30x18″ Pressed Steel	Single Bowl	**$1.00**	**24x20″** Cast Iron	Single Bowl	**$3.00**
32x18″ “ “	Double “	**9.00**	**32x20″** “ “	Double “	**15.00**

NOTE—Faucets, traps or other plumbing fittings are NOT included with any Sinks priced above. Average weight per lineal foot of Top; Linoleum on Plywood, 15 lbs., Linoleum on Steel, 30 lbs.

DISHWASHING SINKS as illustrated at lower right hand corner of page 156 **complete with** swing-spout faucet, hose spray fixture, duo-strainer and rubber dipped draining basket. Cast Iron finished in acid resisting White Enamel. **Add** to any of above Sink Top Prices as follows:

30x18″..........**$35.00** **32x20″**..........**$37.00** **38x20″**..........**$42.00**

For "L" Shaped Tops, add **$9.00** and figure as 2 Tops (measured along outside edges).
For "U" Shaped Tops, add **$18.00** and figure as 3 Tops (measured around outside edges).

SINK AND CABINET TOPS

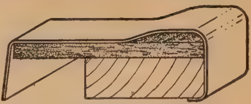
Fit Any Arrangement and Condition

The final touch to a **PERFECTLY APPOINTED KITCHEN** is a **CONTINUOUS TOP** for all of the Base Cabinets and the Sink including the **SINK BOWL** itself. We offer a wide variety in gleaming Metal, colorful Porcelain or resilient Linoleum. Orders should always be accompanied by sketches carefully prepared and showing all dimensions that could possibly affect the Top. Send for blueprint showing how to measure.

PORCELAIN ENAMELED TOPS

White — Ivory — Pale Green — Holland Blue — Orchid — Black

See Actual Colors page 172



Porcelain Enameled
With or Without Drain Grooves

Made from extra heavy enameling steel, carefully shaped to pattern before being put in the Enameling Oven where Porcelain Enamel is fused into the Steel Base at 1500° Fahrenheit. The finished Tops are smooth, glossy and easily cleaned. They are not affected by hot pans or scalding liquids and are acid-resisting. Porcelain Tops are moulded on Wood Frames with sound deadening material between Porcelain and Frame. Sink Bowls, Back and End Splashers are all part of the Top itself—the finished product is **1 piece** with no joints or cracks of any kind. "L" or "U" shaped Porcelain Tops cannot be furnished but very satisfactory results can be obtained by joining two or more Tops together with Mastic on the job.

Edges of Tops appear 1½" thick and have raised embossing to prevent overflow of surface water. Sink Bowls can be located wherever desired except that 5" must be left between Bowl and Edge or between 2 Bowls (2" between Bowl and Back Splasher). Unless otherwise specified bowls are centered.

Bowls for Porcelain Enamel Sink Tops under **54"** long are **18x12x6½"** deep.
" " " " " " **54" to 96"** " " **22x16** " "
" " " " " " **over 96"** " " **28x16** " "

Double Bowls can be combinations of above or one can be an **18"** Round Bowl **8"** deep. **Unless otherwise specified,** supply pipe holes are spaced **5"** up and **8"** apart in center; sinks have **3½"** drain holes in center for dual strainer.

PRICES per WHITE PORCELAIN SINK or CABINET TOP

ADD 20% if Pale Green, Holland Blue or Orchid.
White Tops can have colored flanges at no extra charge.
Made **With or Without Drain Grooves** to exact size.

PORCELAIN ENAMELED	Number	Overall size not exceeding					**Add or Deduct for Each 6"**
		60x25	**72x25**	**84x25**	**96x25**	**108x25**	
Flat Cabinet Top, No Bowl, No Splashers*	**895-P**	**$15**	**$19**	**$20**	**$22**	**$24**	**$1.00**
Flat Sink Top with Bowl, No Splashers	**896-P**	**38**	**42**	**46**	**53**	**57**	**2.00**
Sink Top with **4"** Back Splasher only	**897-P**	**40**	**45**	**49**	**56**	**60**	**2.00**
" " " **6"** " and 1 End Splasher	**898-P**	**47**	**52**	**57**	**65**	**69**	**2.00**
" " " **6"** " and 2 End Splashers	**899-P**	**53**	**58**	**63**	**70**	**73**	**2.00**

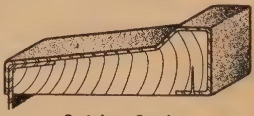
*For Flat Cabinet Tops with Splashers, add same differential as shown for Splashers on Sink Tops. For Splashers 5 to 6" high, add **5%** to price of Top with 4" high Splashers; 7 to 8" high, add **10%**; 9 to 12" high, add **20%**.

Splashers less than 4" high, same price as 4". For **Double Bowl** Sinks, add as follows:

Each Bowl **18x12"..$11.80** **22x16"..$14.25** **28x16"..$16.50** **18" Round $16.00**

Faucets, traps or other plumbing fittings are NOT included with any Porcelain Sinks priced above.

STAINLESS STEEL TOPS



Stainless Steel

Highly polished 20 gauge genuine 18-8 Stainless Steel. Splashers are integral with the Top, being formed from the same sheet of metal. Secured to a wood underframe for convenience in making installation and entire metal undersurface is sound deadened. Drainboards are pitched to Sink Bowls and hence need not be grooved. Sink Bowls are provided with crumb cup strainers and are sweated to Top.

Bowls for Sink Tops under **67"** long are **20x18x7½"** deep.
" " " " **67"** or over are **25x18** " "

Stainless Steel Sink Bowls are 18 gauge.

PRICES per STAINLESS STEEL SINK or CABINET TOP

Made to exact size—see top of opposite page.

STAINLESS STEEL on STEEL BASE	Number	Overall size not exceeding					**Add or Deduct for Each 6"**
		60x25	**72x25**	**84x25**	**96x25**	**108x25**	
Flat Cabinet Top, No Bowl, No Splashers*	**895-S**	**$48**	**$58**	**$66**	**$75**	**$84**	**$4.50**
Flat Sink Top with Bowl, No Splashers	**896-S**	**74**	**87**	**96**	**105**	**114**	**4.50**
Sink Top with **4"** Back Splasher only	**897-S**	**83**	**94**	**106**	**116**	**126**	**5.00**
" " " " " and 1 End Splasher	**898-S**	**90**	**103**	**112**	**122**	**132**	**5.00**
" " " " " and 2 End Splashers	**899-S**	**95**	**109**	**117**	**127**	**137**	**5.00**

*For Flat Cabinet Tops with Splashers, add same differential as shown for Splashers on Sink Tops. For Splashers 5 to 8" high, add **15%** to price of Top with 2" high Splashers; 9 to 12" high **25%**; 13 to 16" high **35%**. Splashers less than 4" high same price as 4".

For Double Bowl Sinks, add as follows:
Each Bowl **20x18"....$42.00** **25x18".....$47.00**

Crumb Cup or Duo-Strainers are the ONLY plumbing fittings included with the Stainless Steel Sinks priced above.

For deeper Bowls, add **$7.00** per inch, per Bowl. Double Bowls have **2"** partitions between.

For **"L" Shaped** Tops, add **$30.00** if no end splasher, otherwise **$35.00** and figure as **2** Tops.

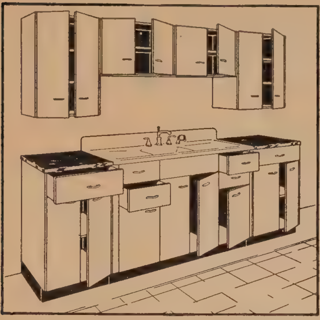
For **"U" Shaped** Tops, add **$60.00** if no end splasher, otherwise **$70.00** and figure as **3** Tops.

Average shipping weight per lineal foot of Top: Porcelain 30 lbs.; Stainless Steel 35 lbs.

Any Top can be prepared for Dishwashing and other special Sinks—write for special quotation.

Sturdisteel KITCHEN

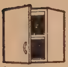
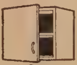
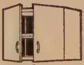
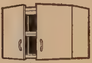
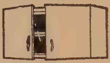
For Long Life and Permanency



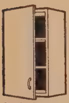
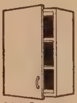
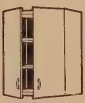
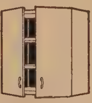
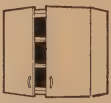
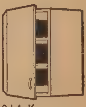
Group of Wall and Base Cabinets around Combination Sink Cabinet which is shown on opposite page.

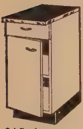
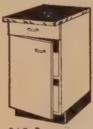
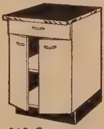
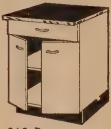
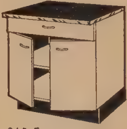
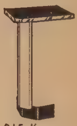
Cabinets are made of 14 gauge, deep drawn, enameling Ingot Iron. They are electrically welded and have a baked-on Dupont Dulux **White** Enamel Finish inside and out which will not chip, flake, craze or crack and will resist alcohol and ordinary food acids. The finish has a lustre which lasts indefinitely and is easily cleaned with a damp cloth. Shelves are welded in place. Steel Cabinets can be placed right against the Stove and are unaffected by hot Utensils. Termites and Vermin are turned back by Steel. Toe Room is provided on the front of all Base Units, Utilities and Sinks by a recess 4″ high and 3″ deep, backed by Linoleum to match the counter tops.

Sizes and Prices of the Individual Units


913-A

913-B

913-C

913-D

913-F

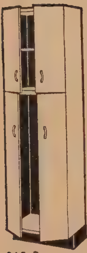
PLAN
OF CORNER
UNIT


914-A

914-B

914-C

914-D

914-F

914-K


915-A

915-B

915-C

915-D

915-F

915-K

Sturdisteel WALL CABINETS—13″ Deep— 18″ High—1 Shelf

No.	Width	Weight	Price
*913-A	15″	27 lbs.	$7.15
*913-B	18″	33 "	7.45
913-C	21″	38 "	8.70
913-D	24″	40 "	10.00
913-F	30″	47 "	10.15

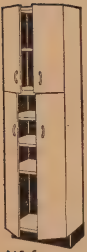

915-R

Sturdisteel WALL CABINETS—13″ Deep—30″ High—2 Shelves

No.	Width	Weigh	Price
*914-A	15″	38 lbs.	$8.70
*914-B	18″	43 "	9.40
914-C	21″	50 "	10.70
914-D	24″	55 "	11.35
914-F	30″	67 "	12.70
914-K	Corner	75 "	14.45

Sturdisteel BASE CABINETS—25″ Deep—36″ High—1 Shelf

No.	Width	Weight	Price **Without** Tops	Price with **Linoleum** Tops
*915-A	15″	67 lbs.	$14.10	$18.05
*915-B	18″	76 "	14.80	19.10
915-C	21″	88 "	16.65	21.45
915-D	24″	98 "	17.35	22.50
915-F	30″	114 "	20.60	26.00
915-K	Corner	25 "	2.90	8.00


915-S

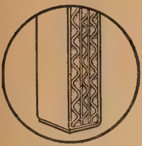
Sturdisteel UTILITY CABINETS—21″ Wide—13″ Deep—84″ High

No.		Weight	Price
915-R	**Broom Cabinet** with 3 shelves above	150 lbs.	$23.10
915-S	**Dish Cabinet** with 6 shelves	155 "	24.60

*Always shipped hinged at **left** (as illustrated) unless otherwise specified

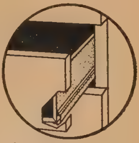
CABINETS AND SINKS

Match Stoves and Refrigerators


Insulated Doors

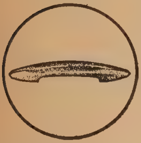
DOORS are ¾" thick, heavily insulated and close against Rubber Stops to make them quiet in operation. Doors open all the way and have no sharp corners or projections thus giving the Cabinets a smooth-flowing, modern, sanitary appearance.

DRAWERS operate smoothly on Steel Slides. They will not stick, warp, buckle or bend and will support a heavy weight without sagging. Automatic Stops keep Drawers from falling out, although they are easily released for cleaning.

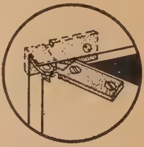

Vermin-proof Drawers

Linoleum Tops

TOPS of Base Cabinets are Black Linoleum tightly cemented to the Steel Bases. They are resilient, durable and quiet and are trimmed with Stainless Steel Edging, 1½" high, tightly embedded into the Linoleum, thus making the Tops easily cleaned.


Modern Handles

HARDWARE consists of semi-concealed Hinges, which allow Doors to swing open all the way and of Cadmium Plated Handles in Satin finish which form an attractive contrast with the White Enamel of the Cabinets.

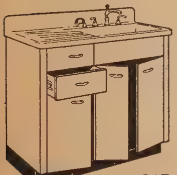

Concealed Hinges

Sturdisteel

Combination Sink Cabinets can be used separately or with Individual Base Cabinets shown opposite

Each has a Linoleum lined Cutlery Drawer, concealed Breadboard, and Soap Powder Basket and is finished inside and out with Dupont Dulux **White** Enamel.

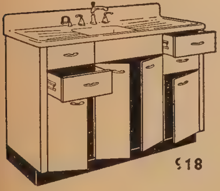
COMBINATION SINK CABINET No. 917


917

Top is a **42"** Porcelain Enameled Acid-Resisting Roll Rim Sink **25"** deep with single grooved Drainboard **20x23⅝"** and with **4"** Back Splasher. Height from floor to top of Sink is **36"** including a **4"** Toe Space. Sink Bowl is **20x18"—7"** deep with waste outlet and water supply holes. Space directly under the Sink is vented and below this is a large storage compartment with one shelf. Under the Drainboard are two Drawers each **5"** high with a Storage Compartment below. The Drawers slide on Metal Guides and have Automatic Stops to prevent them from falling out. Furnished with **Right** or **Left** hand Drainboard, but Left hand (as illustrated) always shipped unless otherwise specified.

Weight 184 lbs. No Fittings—see below.
Combination Sink **42"** wide—No. **917**...... **$36 75** Each

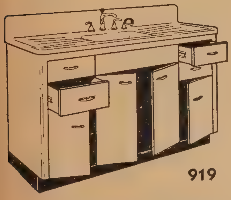
COMBINATION SINK CABINET No. 918


918

Top is a **54"** Porcelain Enameled Acid-Resisting Roll Rim Sink **25"** deep with double grooved Drainboards **17x23⅝"** and with **4"** Back Splasher. Height from floor to top of Sink is **36"** including a **4"** Toe Space. Sink Bowl is **20x18"—7"** deep with waste outlet and water supply holes. Directly below the Sink is a large ventilated storage compartment with 1 shelf and a pair of Doors. At each side there are two drawers **5"** deep and a single Storage Compartment.

Weight 254 lbs. No Fittings—see below.
Combination Sink **54"** wide—No. **918** **$47 25** Each

COMBINATION SINK CABINET No. 919


919

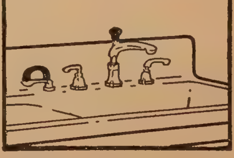
Top is a **60"** Porcelain Enameled Acid-Resisting Roll Rim Sink **25"** deep with double grooved Drainboards **20x23⅝"** and with **4"** Back Splasher. Height from floor to top of Sink is **36"** including a **4"** Toe Space. Sink Bowl is **20x18"—7"** deep with waste outlet and water supply holes. The arrangement of the Base Section is similar to No. **918** above except that the compartments are all wider. Weight 290 lbs. No Fittings—see below.

Combination Sink **60"** wide.
No. **919**........................ **$55 15** Each

ADD for Fittings — never shipped unless specified on order

These consist of Ledge Type Swinging Spout Mixing **Faucet** with Hot Water Control on one side and Cold on the other and of **4"** Crumb Cup combination **Strainer** and Stopper which permits using the Sink Bowl for a dish pan. Faucets can be furnished with or without **Hose Spray** attachment which has Black Enameled Handle and 3 feet of Black Rubber Hose. All Fittings are forged Brass heavily Chromium Plated and highly polished. Specify plainly when wanted on any of above Combination Sink Cabinets and **add** as follows for:

Faucet without Spray....$4.75 **Faucet with Spray**....$7.35
Crumb Cup Strainer....$2.00

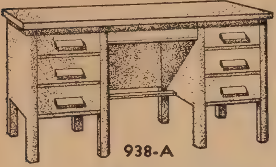


MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

STEEL BUSINESS FURNITURE

At Prices that are Really Low

Constructed of Sheet Steel throughout—electrically welded, scientifically reinforced and braced. This insures maximum rigidity without excess weight. Exposed corners are rounded. Drawers slide easily and stop when fully extended. Dark Olive Green Lacquer Finish with Baked-on Enamel Undercoat.


938-A

DOUBLE PEDESTAL FLAT TOP OFFICE DESK

58" Wide x 28" Deep x 30½" High. Middle drawer **20x24x3½"** is fitted with lock and key. Side drawers **13x24x5½"** have rounded drawer handles. Steel Foot Rest. Outside corners of legs are rounded. Shipping Weight, 250 lbs.

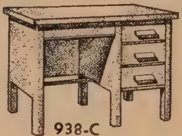
No. **938-A** With Steel Top **$26.15** each

No. **938-B** Top Green Linoleum **$32.15** each

SINGLE PEDESTAL DESKS

42½" wide x 28" deep 30½" high.

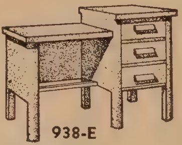
Drawer Dimensions same as above.


938-C

FLAT TOP DESK

No. **938-C** Steel Top Wt. 190 lbs. **$18.45** each

No. **938-D** Top Green Linoleum **$23.45** each


938-E

TYPEWRITER DESK

Typewriter Base is 26" from floor. Wt. 160 lbs.

No. **938-E** With Steel Top **$18.45** each

FILING CABINETS

Drawers roll easily on 2 rollers—welded angle slides prevent tilting. Adjustable followers for each drawer. Drawer Handles and Card Holders finished in Brush Brass. Wt. 120 lbs. 50" High x 25" Deep.

LETTER SIZE

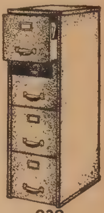
for 8½x11" Sheets 15¾" wide overall

No. **939-A** **$13.00** each

LEGAL SIZE

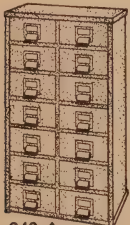
for 8½x14¾" sheets 19½" wide overall

No. **939-B** **$18.15** each


939

FLAT TOP DRAWER CABINETS

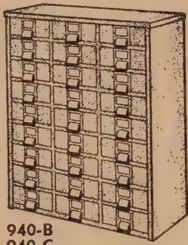
Extremely convenient for office supplies, samples, catalogs, cancelled checks, office forms, etc. Excellent for ready reference when placed close to desks where the tops provide additional desk or work space. Drawer pulls and card holders stamped from steel. Constructed for heavy daily use. All are completely enclosed and drawers slide easily in and out of separate compartments.


940-A

14 DRAWER CABINET

21" Wide x 14½" Deep
38½" High Overall
Drawers 9x4½x12"
No. 940-A Wt. 90 lbs.

$12.35 each


940-B
940-C

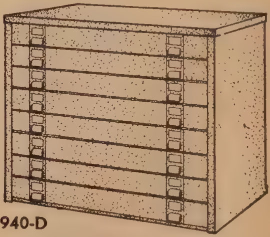
27 DRAWER CABINET

30¾" Wide x 14¼" Deep
37" High Overall
Drawers 9x3x12"
No. 940-B Wt. 115 lbs.

$13.00 each

LEGAL SIZE

Same as above except 4" Deeper No. **940-C** 125 lbs. **$18.15** each


940-D

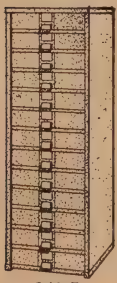
BLUEPRINT CABINET

40" Wide x 28½" Deep
33¼" High Overall
8 Drawers 36x2½x25"
No. 940-D Wt. 250 lbs.

$40.70 each

BUILDER'S SIZE

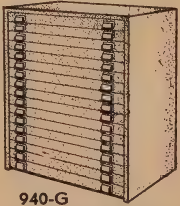
Same except **18"** High **4** Drawers No. **940-E** 175 lbs. **$23.10** each


940-F

X-RAY FILM CABINET

17½" Wide x 54½" High
20½" Deep Overall
13 Drawers 15½x3x18¾"
No. 940-F Wt. 155 lbs.

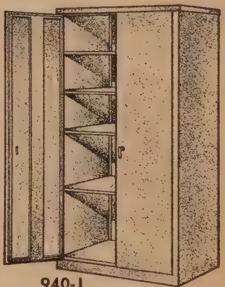
$21.80 each


940-G

ELECTROTYPE CABINET

33½" Wide x 22" Deep
31¼" High Overall
17 Drawers 30½x1⅛x17"
No. 940-G Wt. 260 lbs.

$36.30 each


940-J

STORAGE CABINET

Has 1 fixed and 3 adjustable shelves. Dust-proof. Nickel plated Door Handles and Lock.
32" Wide x 18" Deep.
72" High Overall.
No. 940-J. Wt. 215 lbs.

$23.65 each

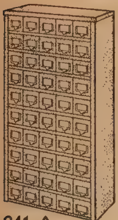
STEEL BUSINESS FIXTURES

Soon Pay for Themselves in Time Saved

HANDY LITTLE DRAWER CABINETS

Drawer pulls and card holders stamped from steel. Drawers slide easily in separate compartments and stop when extended. All cabinets have Olive Green Lacquer Finish with Baked-on Enamel Undercoat.

Keep Small Parts Always Accessible and Well Protected



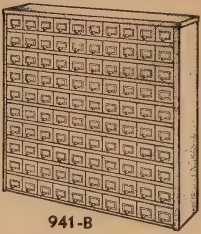
941-A

50 DRAWER CABINET

18″ Wide, 9″ Deep, 34½″ High Overall.
Drawers 3x2½x8″ Deep

No. 941-A $\$15^{95}$ each
Wt. 78 lbs.

Less than **32c** Per Drawer



941-B

100 DRAWER CABINET

36″ Wide, 9″ Deep, 34½″ High Overall.
Drawers 3x2½x8″ Deep

No. 941-B $\$27^{50}$ each
Weight 160 lbs.

Less than **28c** Per Drawer

A Place for Everything Means Everything in Its Place

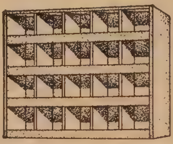
SHELF, BIN AND DRAWER COMBINATIONS

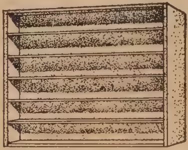
Can be combined, added to, and rearranged from time to time as needs change. All are fitted with steel backs so that wall is not exposed. Drawers have pulls and card holders stamped from steel. All Cabinets have Olive Green Lacquer Finish with Baked-on Enamel Undercoat.

OPEN SECTIONS

Each section is 30″ Wide x 25″ High x 11½″ Deep overall (10″ Deep Inside)

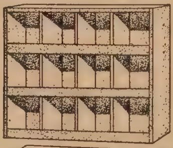
No. 942-A
20 Bins
5¼x4¼″
Wt. 50 lbs.
$\$6^{95}$

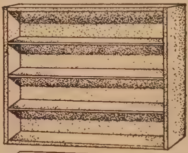




No. 942-D
6 Shelves
28½x3¼″
Wt. 55 lbs.
$\$5^{45}$

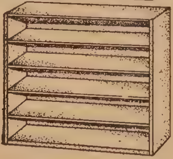
No. 942-B
12 Bins
7¼x6⅜″
Wt. 50 lbs.
$\$5^{85}$

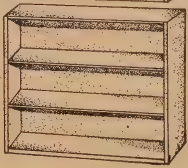




No. 942-E
4 Shelves
28½x5¼″
Wt. 50 lbs.
$\$4^{75}$

No. 942-C
5 Shelves
28½x4¼″
Wt. 50 lbs.
$\$5^{05}$



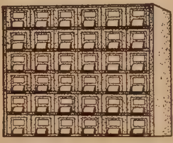


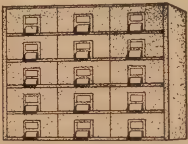
No. 942-F
3 Shelves
28½x7¼″
Wt. 45 lbs.
$\$4^{35}$

DRAWER SECTIONS

Each section is 30″ Wide x 25″ High x 11½″ Deep overall (9¾″ Deep Inside)

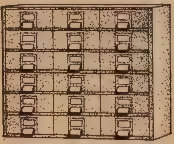
No. 943-A
36 Drawers
Ea. 4½x3″
Wt. 90 lbs.
$\$15^{15}$

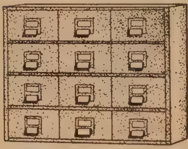




No. 943-D
15 Drawers
Ea. 9x4″
Wt. 80 lbs.
$\$12^{00}$

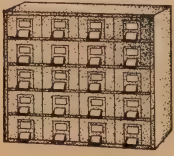
No. 943-B
18 Drawers
Ea. 9x3″
Wt. 85 lbs.
$\$13^{30}$

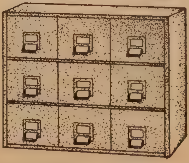




No. 943-E
12 Drawers
Ea. 9x5″
Wt. 75 lbs.
$\$11^{60}$

No. 943-C
20 Drawers
Ea. 6¾x4″
Wt. 85 lbs.
$\$13^{65}$





No. 943-F
9 Drawers
Ea. 9x7″
Wt. 70 lbs.
$\$10^{90}$

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER

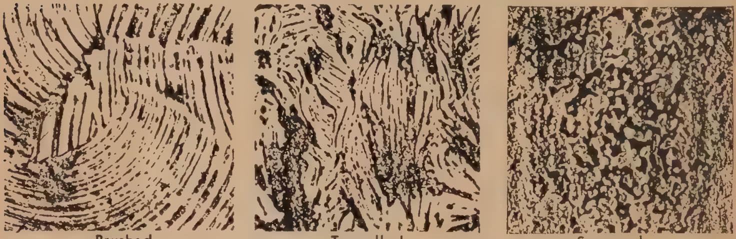
Richtone PLASTIC PAINT

Trade Mark Reg. U. S. Patent Office

For Textured Walls and Ceilings in Pastel Shades

- **FOR PLASTER,** Richtone Plastic Paint is a thoroughly satisfactory finish which because of its heavy body will obliterate plaster patches and other defects. If the plaster is smooth, a rough textured wall can be produced if desired, all very simply as described below.
- **FOR PLYWOOD WALLBOARD,** Richtone Plastic Paint is absolutely the finest treatment that can be given. The grain of the wood disappears forever as do nail holes and small cracks at the joints and corners. The finished Texture whether rough or smooth gives exactly the same appearance as the finest plastered wall.
- **FOR INSULATING WALLBOARD,** Richtone Plastic Paint again gives a superior and durable finish. Nail holes and slightly open joints which are usually so objectionable, simply can't be found after the job is done.
- **OVER OLD WALLPAPER,** Richtone Plastic Paint is successfully applied provided the paper is tight. Plaster cracks are thus eliminated and a wall of any shade or texture secured quickly and with less expense than is involved when a good quality of paper is used.

SMOOTHENED TEXTURES



Brushed Trowelled Sponged

An unlimited number of texture effects can be secured depending entirely upon the various tools that are employed and the skill of the painter. The finish of Richtone Plastic Paint is in **moderate relief**—not harsh or sharp as is the case with many other finishes and much plaster. Swirl, Tapestry, Stippled, Crumpled Roll, Travertine and Futuristic are only a few of the many textured treatments that can be given by any competent decorator. A wall painted with Richtone Plastic Paint can take abuse. Sharp objects scarcely scratch or mar the surface. Dirt, grime and soil marks are easily washed off with soap and water, thus reducing maintenance costs. Instructions for application are on each can.

Prices Per Gallon

White or any of the **8 Pastel Shades** shown at top of next page. **White** can be tinted to any shade by using standard oil colors. **Average covering capacity 100 square feet per gallon.**

In 1 Gallon Cans No. 990-A Weight 17 lbs...... **$2.95**

In 5 Gallon Cans No. 990-B Weight 80 lbs...... **$2.75**

FIRST COATER No. **990-C** same price per gallon but average covering capacity is 500 square feet per gallon.

Smoothing Trowels, each................**95c**

Triangles or Rubber Sponges, each......**40c**

TOX-I-SEAL SOLUTION

For treating woodwork on the job

TOX-I-SEAL
SOLUTION
READY TO USE
ROT PROOFED
MOISTURE PROOFED
TERMITE PROOFED
FOR WOOD
PEASE WOODWORK Co
CINCINNATI

991

The solution is exactly the same as that used (see page 9) in the treatment of our Frames, Sash, Mouldings, Trim, Doors, etc., so that they are

ROT-PROOFED — MOISTURE-PROOFED — TERMITE-PROOFED

It should always be applied with a brush to portions of a sash or door which have been materially altered in fitting.

Recommended for Termite Treatment of old work.

No.	Weight 8 lbs. per gallon	Price
991-A in **1** Gallon Cans	Per gallon	**$1.25**
991-B " **5** " "	" "	**1.00**
991-C " **30** " Drums	" "	**.80**
991-D " **55** " "	" "	**.70**

WATERPROOFING MATERIALS

Stop Wall Leaks – Save Wall Finish

Exterior Foundation Coating No. 993-A

A heavy black coal-tar waterproofing compound applied by brush. Used to coat dry concrete or cement block foundation walls on the outside below grade. Average covering 150 square feet per gallon. Price per 5 Gallon Can.................. **$2.35**

Crack Fill No. 993-B

Will positively fill cracks and holes in masonry walls while water is running or seeping through. Applied from the inside. Sets within three minutes. Price per 10 lb. Can.. **$2.80**

Masonry Wall Coating No. 993-C

A combination wall paint and waterproofing applied over inside or outside of masonry walls above or below grade. Open cracks and holes must first be sealed with **Crack Fill.** A powder in natural gray or in colors to be mixed with water and applied with brush in two applications. Coverage 10 square feet per lb. for decorative purposes, 5 square feet per lb. for waterproofing. Natural Gray. Price per 10 lb. Can.... **$1.80**

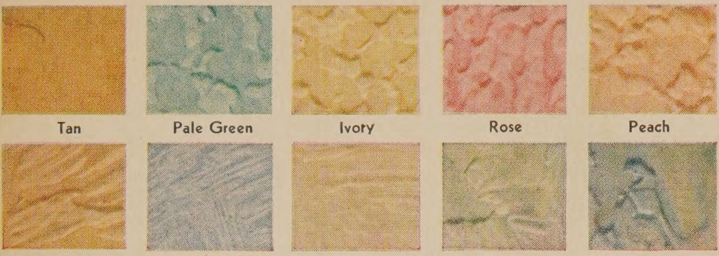
Pastel Shades, White, French Gray, Light Gray, Yellow, Cream, Dark Green, Light Green, Light Blue or Dark Blue. Per 10 lb. Can.......................... **$1.95**

Transparent Waterproofing No. 993-D

Used to waterproof exterior surface of brick, stucco, stone or concrete walls above grade where no change in color or texture of wall is desired. Seals the pores—stops leaks. A liquid applied by brush or spray. Two applications required. Coverage 100 square feet per gallon. Price per 5 Gallon Can................................ **$9.75**

Richtone PLASTIC WALL PAINT

See Opp. Page

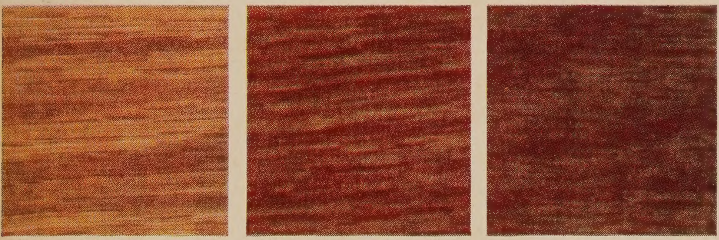


Tan — Pale Green — Ivory — Rose — Peach

Buff — Light Blue — Cream — Ivory Blend — Green Blend

FACTORY FINISHED OAK FLOORING

See Page 34



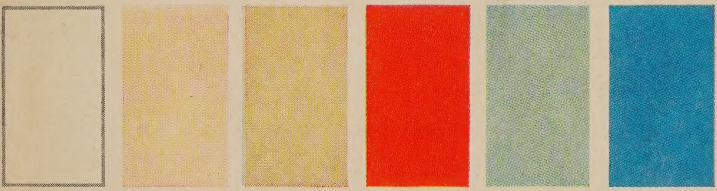
CLEAR GRADE
Finished Natural Light

SELECT GRADE
Warm Medium Brown

KNARLY GRADE
Rich Dark Brown

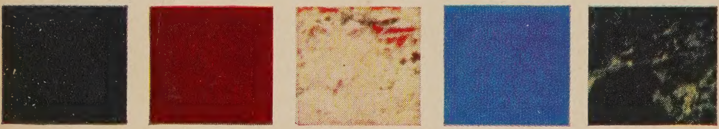
Model Home KITCHEN CABINETS

See Page 158



White — Light Ivory — Dark Ivory — Coral — Pale Green — Dutch Blue

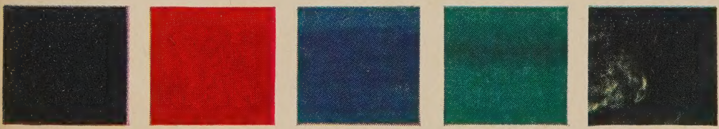
LINOLEUM TOPS for MODEL HOME CABINETS



Black — Cherry Red — Marbleized Ivory and Red — Coronation Blue — Marbleized Black and White

ECONOMY CABINET LINOLEUM TOPS

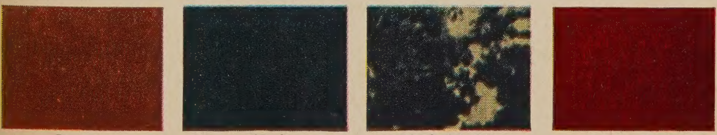
See Page 153



Black — Plain Red — Blue Jaspe — Green Jaspe — Black Marbelle

CUSTOM LINOLEUM TOPS

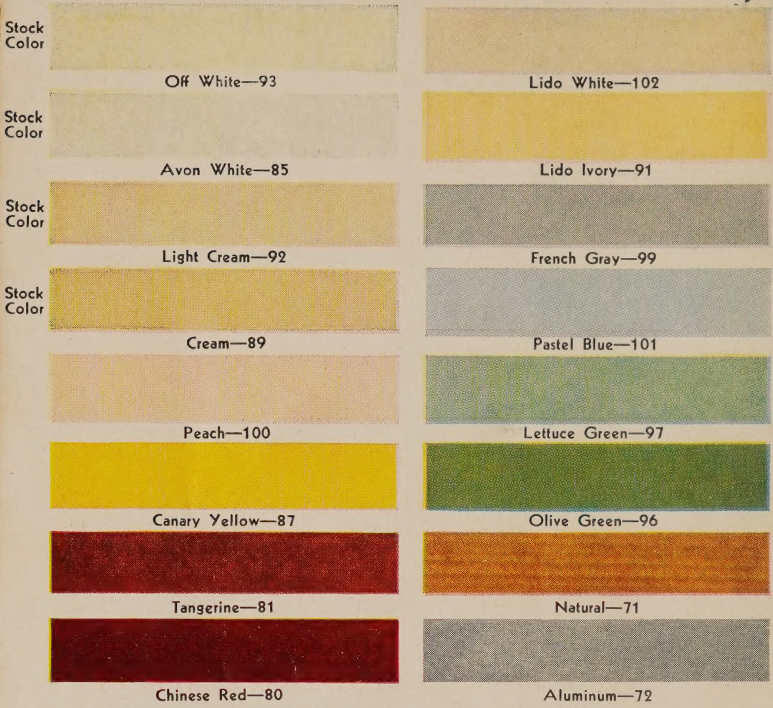
See Page 164



Brown — Black — Black Marble — Cherry Red

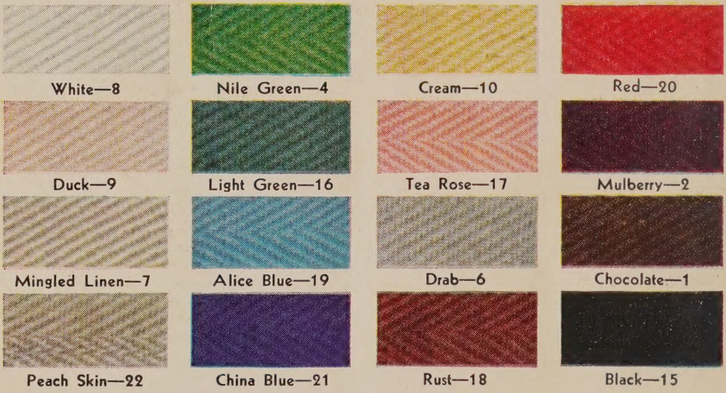
VENETIAN BLIND SLATS

See Opp. Page



Stock Color	Off White—93	Lido White—102
Stock Color	Avon White—85	Lido Ivory—91
Stock Color	Light Cream—92	French Gray—99
Stock Color	Cream—89	Pastel Blue—101
	Peach—100	Lettuce Green—97
	Canary Yellow—87	Olive Green—96
	Tangerine—81	Natural—71
	Chinese Red—80	Aluminum—72

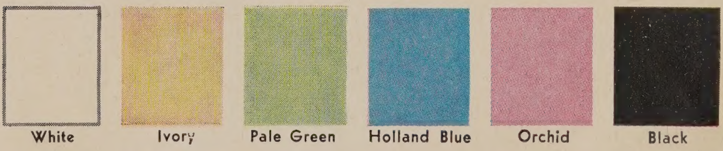
VENETIAN BLIND TAPE



White—8	Nile Green—4	Cream—10	Red—20
Duck—9	Light Green—16	Tea Rose—17	Mulberry—2
Mingled Linen—7	Alice Blue—19	Drab—6	Chocolate—1
Peach Skin—22	China Blue—21	Rust—18	Black—15

PORCELAIN ENAMELED SINK TOPS

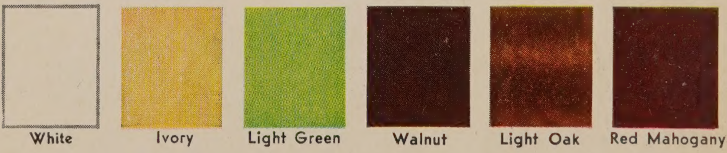
See Page 165



White Ivory Pale Green Holland Blue Orchid Black

METAL RADIATOR ENCLOSURES

See Page 163

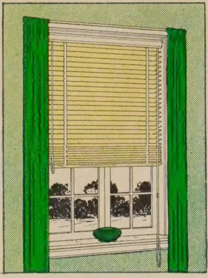


White Ivory Light Green Walnut Light Oak Red Mahogany

Richtone VENETIAN BLINDS

'rade Mark Reg. U. S. Patent Office

Wood or Metal Slats



Completely Finished

$1.67 and up

Ready to Hang

Vood Slats (2⅜″ or 2″ wide) are made from straight grained iln dried Port Orford Cedar. They are carefully sanded and are inished either Natural or with DuPont Enamel in any of the 16 olors shown opposite. Note that the **4 Stock Colors** are cheaper han the others. Curved Flexible **Metal Slats** (2″ wide) are steel, ust-proofed with baked-on enamel finish in the **4 Stock Colors** only.

HINGED FACIA BOARD

\ Moulded Cornice or Facia Board 3½″ wide is hinged in front f the Headrail, concealing it and all mechanism and giving he Blind a very smart appearance. The Facia Board is removble for cleaning and is enameled to match the Slats.

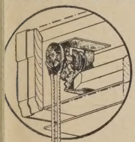
TAPES AND CORD

'apes (1½″ wide) and Cord are available in any of the 16 lifferent shades shown opposite. Unless otherwise instructed, we elect them to harmonize with the color of the slats ordered. If vanted with Mingled Linen Tape on street side specify "Duplex" ape. Tilter Cords have **Plastic Tassels** same color as Tapes.

HARDWARE

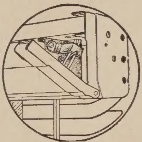
)ur hardware is the most modern type, rust-proofed and Cadmium lated. It includes Brass worm geared Tilting Device and Autonatic Cord Lock. A Releasing Catch permits lowering of the slats or window cleaning without removing the Blind. Each Blind is ndividually carton packed with installation instructions included.

VORM GEARED TILTING DEVICE



Concealed by Facia. Tilts the Slats to any desired angle and holds them firmly in position until the Cord is pulled lightly either way. Gear has short travel and Cord will not slip.

HINGED CORNICE OR FACIA



Conceals Headrail Tilting Device and Automatic Cord Lock which locks the Hoisting Cord firmly at any position, yet is released by a slight pull. Note the Closed Metal Headrail Bracket with which the Blind is easily installed at any desired point on the Window Trim.

'rices per Blind—Finished in Color—Hardware Applied—Ready to Hang

'linds up to 40″ wide have **2** tapes; up to **64″–3** tapes; up to **85″–4** tapes; up to **100″–5** tapes; p to 120″ (maximum width) **6** tapes. Intermediate sizes take price of next larger listed size. For "Fractional Sizes" see bottom of page.

2⅜″ WOOD SLATS – No. 994

VIDTH	Height (up to) 50″	54″	56″	64″	68″	72″	76″	80″	84″	88″	92″	96″	ADD if slats are other than the 4 Stock Colors
5″ to 22″	$1.67	$1.80	$1.80	$1.93	$2.07	$2.20	$2.33	$2.41	$2.60	$2.73	$2.81	$3.00	40c
3″ to 28″	2.67	2.80	2.80	3.00	3.19	3.37	3.56	3.75	3.93	4.12	4.31	4.49	40c
9″ to 36″	3.27	3.40	3.40	3.67	3.88	4.09	4.31	4.52	4.73	4.95	5.16	5.37	40c
7″ to 42″	4.40	4.69	4.99	5.57	5.87	6.16	6.45	7.04	7.33	7.62	7.92	8.21	50c
3″ to 48″	4.99	5.28	5.57	6.45	6.74	7.04	7.63	7.92	8.21	8.80	9.09	9.38	60c
9″ to 54″	5.57	5.87	6.16	7.04	7.62	7.92	8.50	8.80	9.38	9.68	10.26	10.56	70c
5″ to 60″	6.16	6.74	7.04	7.92	8.50	8.80	9.38	9.97	10.26	10.85	11.44	11.73	80c

arger Sizes **29c** per square foot up to 120″ or 80 sq. ft. Use Table page 57.

2″ WOOD SLATS – No. 995

VIDTH	Height (up to) 50″	54″	56″	64″	68″	72″	76″	80″	84″	88	92″	96″	ADD if slats are other than the 4 Stock Colors
5″ to 22″	$1.93	$2.00	$2.00	$2.20	$2.33	$2.47	$2.60	$2.73	$2.87	$3.00	$3.13	$3.27	40c
3″ to 28″	2.93	3.07	3.07	3.33	3.52	3.71	3.89	4.08	4.27	4.45	4.64	4.83	40c
9″ to 36″	3.53	3.73	3.73	4.00	4.21	4.43	4.64	4.85	5.07	5.28	5.49	5.71	40c
7″ to 42″	4.80	5.12	5.44	6.08	6.40	6.72	7.04	7.68	8.00	8.32	8.64	8.96	50c
3″ to 48″	5.44	5.76	6.08	7.04	7.36	7.68	8.32	8.64	8.96	9.60	9.92	10.24	60c
9″ to 54″	6.08	6.40	6.72	7.68	8.32	8.64	9.28	9.60	10.24	10.56	11.20	11.52	70c
5″ to 60″	6.72	7.36	7.68	8.64	9.28	9.60	10.24	10.88	11.20	11.84	12.48	12.80	80c

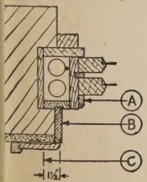
arger Sizes **32c** per square foot up to 120″ wide or 80 sq. ft. Use Table at bottom of page 57.

2″ METAL SLATS – No. 996

1ETAL SLATS are furnished **only** in the **4 Stock Colors** although with any of the **16** Shades of Tape.

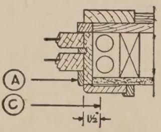
VIDTH	Height (up to) 50″	54″	56″	64″	68″	72″	76″	80″	84″	88″	92″	96″
5″ to 22″	$1.98	$2.05	$2.05	$2.25	$2.38	$2.52	$2.65	$2.78	$2.92	$3.05	$3.18	$3.32
3″ to 28″	2.98	3.12	3.12	3.38	3.57	3.76	3.94	4.13	4.32	4.50	4.69	4.88
9″ to 36″	3.58	3.78	3.78	4.05	4.26	4.48	4.69	4.90	5.12	5.33	5.54	5.76
7″ to 42″	4.85	5.17	5.49	6.13	6.45	6.77	7.09	7.73	8.05	8.37	8.69	9.01
3″ to 48″	5.49	5.81	6.13	7.09	7.41	7.73	8.37	8.69	9.01	9.65	9.97	10.29
9″ to 54″	6.13	6.45	6.77	7.73	8.37	8.69	9.33	9.65	10.29	10.61	11.25	11.57
5″ to 60″	6.77	7.41	7.73	8.69	9.33	9.65	10.29	10.93	11.25	11.89	12.53	12.85

arger Sizes **32c** per square foot up to 120″ wide or 80 sq. ft. Use Table at bottom of page 57.



HOW TO MEASURE AND ORDER

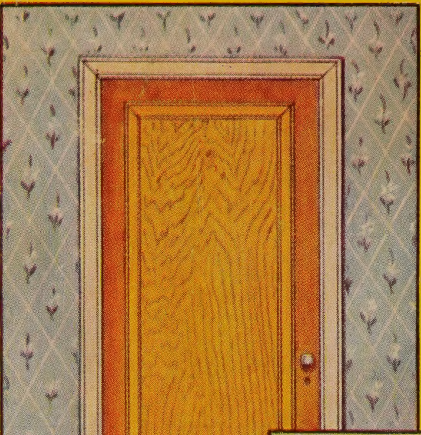
Illustrations show the different points at which blinds may be hung. **A**—Between Stops; **B**—Between Jambs **C**—On face of Casing. Measurements at "C" should include 3″ in width (1½″ at each side) and 1½″ at height for lap of blind over side and head casings.



FRACTIONAL SIZES

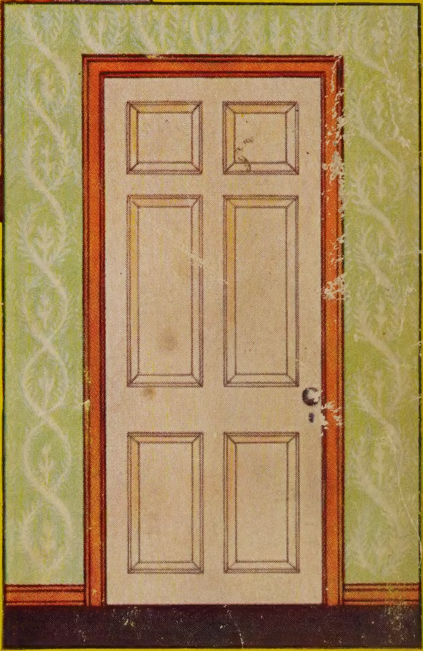
Venetian Blinds are furnished in **FULL** inches **ONLY** such as 25″, 26″, 27″, etc. The width of the Blind is the length of the Headrail, including the Brackets. ne Slats are made 1″ **shorter** than the Headrail so that as much as ½″ can be cut off each end Headrail to make fractional widths without interfering in any way with the proper operation the Blind. All Headrails are wood and the ends are completely covered by the Closed Metal eadrail Brackets. Don't bother with fractional **heights**—the Blinds will always stretch a bit. **old Down** (Sill) **Brackets** (needed for Door Blinds) add per pair for 1 Blind.............15c

MINIMUM ORDER TEN DOLLARS—SEE INSIDE FRONT COVER



Miracle Type Doors

with Fir, Gum or Birch Panels offer opportunities for two tone decoration

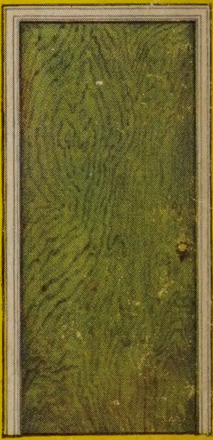


Colonial Doors

from Ponderosa Pine, with solid raised panels are traditional and dignified

Flush Doors

conform to the modern vogue --- available in Fir, Philippine Mahogany and the hardwoods



These doors and many others are shown on pages 78 to 94